CITY OF INGLESIDE
AMENDED REGULAR CITY COUNCIL MEETING
AGENDA
MARCH 12, 2024
6:30 PM

Notice is hereby given that the Ingleside City Council will hold a Amended Regular City Council Meeting on March 12, 2024, at 6:30 PM. The Meeting will be held in person at ~~City Hall, 2671 San Angelo Street, Ingleside, Texas.~~Humble Station Community Center, 2821 Main St., Ingleside, Texas. Members of the public can view the meeting via live stream at https://inglesidetx.gov/.

With respect to any subject matter set forth below, the City Council may take action, unless otherwise expressly indicated with respect to any particular subject matter.

Opening Agenda

1. Call Meeting to Order.
2. Roll Call.
3. Invocation.
4. Pledge of Allegiance.
5. Citizen Comments and Reports.
   Persons wishing to address the Council and who have registered using the Citizen Participation Form will have up to three minutes to speak. In accordance with the Open Meetings Act, Council may not discuss or take action on any item that has not been posted on the agenda. While civil public criticism is not prohibited; disorderly conduct or disturbance of the peace as prohibited by law shall be cause for the chair to terminate the offender's time to speak.
6. Staff Comments and Reports.
   The Council may discuss any subject which is specifically listed under this item.

   a. Report on the Draft City of Ingleside Drainage Master Plan as presented by Freese & Nichols.

   b. Update on TCEQ Required Notice

   c. City of Ingleside monthly financial report as of January 2024.

   d. City of Ingleside expenditures paid over $3,000.00 for the period of January 2024.
7. Council Comments and Reports.
   The Council may discuss any subject which is specifically listed under this item.

   No Council Comments and Reports presented for this meeting.

Presentations

8. Proclamation to recognize Vicky Cook Day in the City of Ingleside.

Consent Agenda

All consent agenda items listed are considered to be routine by the City Council and will be enacted by one motion. There will be no separate discussion of the items unless a Council Member so requests, in which event the item will be removed from the Consent Agenda and considered in its normal sequence on the agenda.

9. Deliberate and take appropriate action on a first and only reading of an Ordinance amending the fiscal year 2023-2024 budget for the City of Ingleside, Texas, for the General Fund for appropriation of the donation for the Recycling Department.

10. Deliberate and take appropriate action on the Regular Meeting Minutes of February 27, 2024.

Executive Session

11. Closed Session
City Council will meet in Closed Session pursuant to the provisions of Chapter 551 of the Texas Government Code, in accordance with the authority contained in:

A. Section 551.087 Deliberation regarding Economic Development Negotiations – Update on ongoing industry and retail negotiations.
B. Section 551.071 Consultation with Attorney

12. Open Session
City Council will reconvene in Open Session at which time action on the matter(s) discussed in Closed Session may be considered.

A. Section 551.087 Deliberation regarding Economic Development Negotiations – Update on ongoing industry and retail negotiations.
B. Section 551.071 Consultation with Attorney

Public Hearing

The City Council shall call a public hearing on each item below in this section. Any person wishing to address the City Council on these items should please come forward when that public hearing is called.

Regular Agenda

13. Deliberate and take appropriate action on an agreement between the City of Ingleside and the Ingleside Little League Association for the use of the Bennie Diegel Baseball Complex.

14. Deliberate and take appropriate action on an agreement between the City of Ingleside and the Ingleside Soccer League for the use of the soccer fields at N.O. Simmons Park.

15. Deliberate and take appropriate action on an agreement between the City of Ingleside and the ~~Ingleside Softball Association~~ Mustang Infinite Softball for use of the Faith Park Baseball

Complex.

16. Deliberate and take appropriate action on the final change order for the Houghton Drainage Improvements Project.

17. Deliberate and take appropriate action on the final pay application for the Houghton Drainage Improvements Project.

18. Deliberate and take appropriate action on a Resolution of the City of Ingleside suspending the April 4, 2024 effective date of AEP Texas Inc.'s requested rate change to permit the city time to study the request and to establish reasonable rates; Approving cooperation with the cities served by AEP Texas and authorizing intervention in AEP Texas Inc.'s requested rate change proceedings before the commission; Hiring Lloyd Gosselink Attorneys and Consulting Services to negotiate with the company and direct any necessary litigation and appeals; Requiring reimbursement of cities' rate case expenses; Finding that the meeting at which this Resolution is passed is open to the public as required by law; Requiring notice of this Resolution to the company and legal counsel.

19. Deliberate and take appropriate action to authorize the City Manager to begin discussions with Able City to develop a scope of work and associated cost to update the City of Ingleside's Comprehensive Master Plan.

20. Deliberate and take appropriate action to send a team to Austin to talk about various City of Ingleside projects including the proposed SH 200 project.

21. **Tabled 02/13/2024** Deliberate and take appropriate action on the first reading of an Ordinance amending Ingleside Code of Ordinances Chapter 14-Animal Control and Animals, Article I - In General, Article II - Prohibitions, Enforcement and Penalties, Article III - Licenses and Permits and Administrative Procedures, Article IV - Animal and Rabies Control, Article V - Care and Keeping of Animals, Article VI - Beekeeping and providing for effective date, reading, severance, and publication.

22. Announcements of Community Interest and/or upcoming events.

23. Items to consider for placement on future agendas.

24. Adjourn.

Special Accommodations

This facility is wheelchair accessible and there are special parking spaces near the main entrance. Request for accommodations or special services must be made 48 hours prior to this meeting. Please contact City Secretary's Office at (361) 776-2517 or Fax (361) 776-1027 or email citycouncilquestions@inglesidetx.gov for further information.

With respect to any subject matter set forth, the City Council may meet in Closed Executive Session, if and to the extent allowed by Chapter 551 of the Texas Government Code, including, but not limited to, any of the following sections of Chapter 551: Section 551.071 Consultations with Attorney, Section 551.072 Deliberation about Real Property, Section 551.073 Deliberation regarding Prospective Gift, Section 551.074 Personnel Matters, Section

551.087 Deliberation regarding Economic Development Negotiations, and Section 551.089 Deliberation regarding Security Devices Or Security Audits.

Certification

I, Ruby Beaven, certify that the above notice of this Amended Regular Meeting of the City Council was posted on the City Hall bulletin board at 2671 San Angelo Street, Ingleside, Texas on the 8th day of March by 4:00 p.m.

Ruby Beaven, City Secretary

This public notice was removed from the official posting board at the Ingleside City Hall on the following:

Date: _____ Time: _____

By: _____
City Secretary's Office
City of Ingleside, Texas

CITY COUNCIL AGENDA
Amended Regular Meeting: March 12, 2024

AGENDA ITEM: 6.a

Report on the Draft City of Ingleside Drainage Master Plan as presented by Freese & Nichols.

SUBMITTED BY: Gary Paredez, Director of Infrastructure Services

APPROVED FOR AGENDA: Brenton Lewis, City Manager

BACKGROUND:

Freese & Nichols was the engineering firm selected by the City Council to generate the City's Drainage Master Plan. An assessment was made on all the drainage infrastructure throughout the City. The Master Plan will serve as a guide for the maintenance, upkeep, and future development of the drainage system infrastructure.

FISCAL ANALYSIS:

Update only.

RECOMMENDATION:

N/A For informational purposes only.

ATTACHMENTS:

1. 2024 03 05 Ingleside DMP Report_Draft to Council

CITY OF INGLESIDE
DRAINAGE MASTER PLAN

Prepared for:

City of Ingleside

March 5, 2024

Prepared by: **FREESE AND NICHOLS, INC.**

800 N. Shoreline Blvd. Suite 1600N
Corpus Christi, Texas 78401
361-561-6500

Innovative approaches
Practical results
Outstanding service

CITY OF INGLESIDE
DRAINAGE MASTER PLAN

Prepared for:

City of Ingleside

March 5, 2024

DRAFT
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF SARAH L. WEST, P.E., TEXAS NO. 101328 ON 03/05/2024. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES. FREESE AND NICHOLS, INC. TEXAS REGISTERED ENGINEERING FIRM F- 2144

Prepared by: **FREESE AND NICHOLS, INC.**

800 N. Shoreline Blvd. Suite 1600N
Corpus Christi, Texas 78401
361-561-6500

ING21605

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Appendix B: Inundation Maps
Appendix C: One-Page CIP Summary Sheets
Appendix D: Opinion of Probable Project Costs
Appendix E: Stormwater Structures Type Guide and Condition Rating Guide
Appendix F: City of Ingleside Standard Stormwater Construction Details
Appendix G: Project Ranking
Appendix H: Funding Source Matrix
Appendix I: Summaries of Public and Stakeholder Engagement Activities
Appendix J: Small Projects Memorandum
Appendix K: Hydrologic and Hydraulic Methodologies Memorandum

EXECUTIVE SUMMARY

The Ingleside Drainage Master Plan was prepared to assist the City of Ingleside (City) in identifying key capital project needs based on analysis of the existing storm drainage system as well as future land use conditions. The planning effort reviewed existing problem areas, evaluated existing storm drainage system capacity, and defined recommended improvements to address continued growth and development, resulting in recommendations for adding storm water projects to the City's Capital Improvement Plan (CIP).

A total of ten problem area sites were identified based on the existing conditions modeling. After discussions with City staff and City Council, nine potential projects were selected for further analysis (Site 2 did not progress to further analysis and CIP development). **Figure ES-1** shows the location of each of these proposed CIP projects. Preliminary improvements were proposed to mitigate flooding in the problem areas, and some are recommended to be constructed in a phased approach.

A project cost was developed for each CIP based on 2023 dollars. It should be noted that the proposed improvements are not based on detailed engineering analysis or design. Rather they are based on field visits, review of existing data, and limited modeling and calculations. Each project cost includes engineering costs to perform field investigations and to develop the final design.

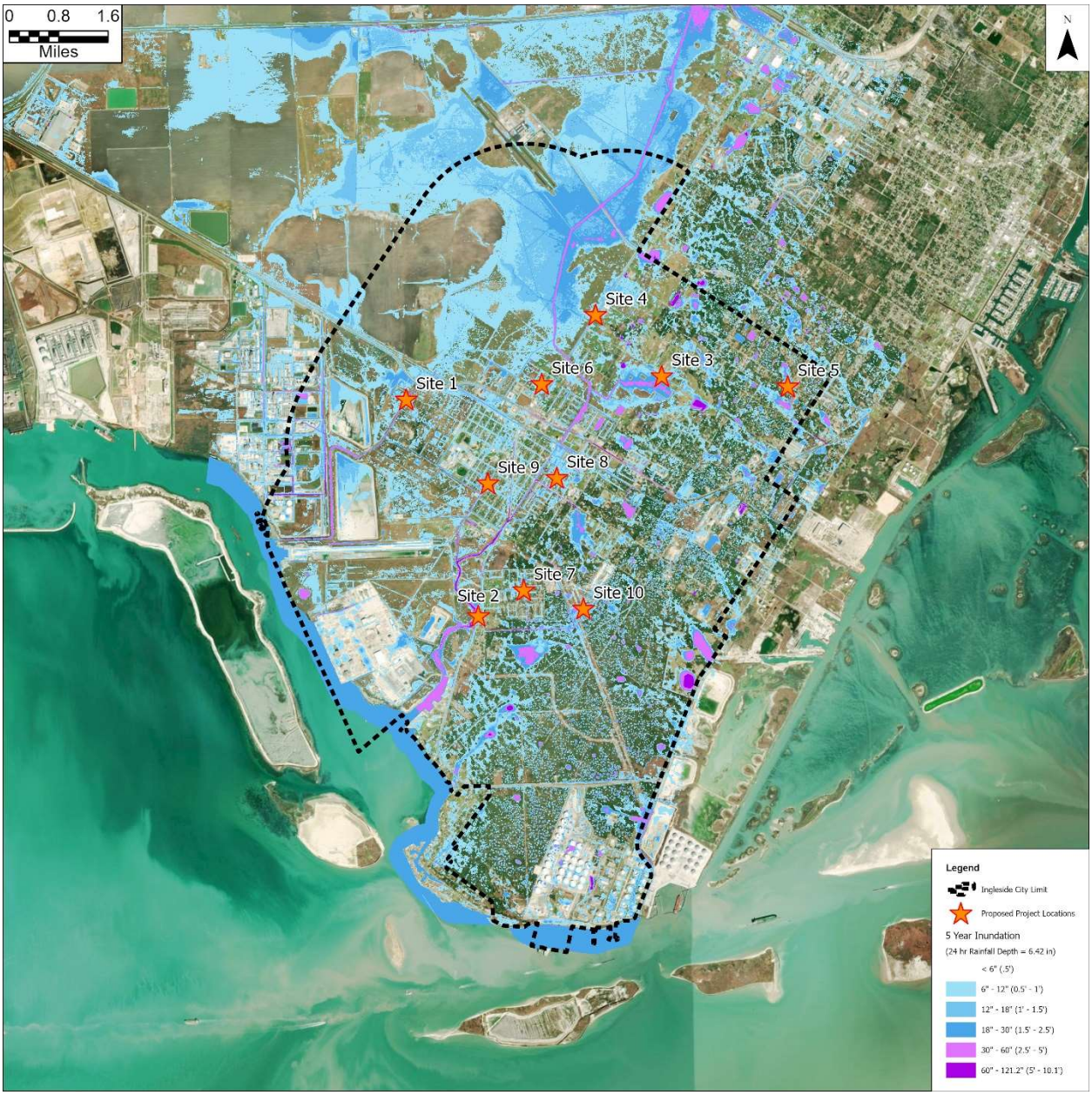
The projects were prioritized according to a ranking system developed through coordination with City staff, which is based on five weighted criteria (life and safety, property damage, road level of service, planning linkages, and project cost). Criteria weighting was developed using a "pairwise" methodology that compares each criterion to all other criteria to determine what is most important to the City.

The projects were organized and ranked within a Microsoft Excel spreadsheet. **Table ES-1** lists the proposed CIP projects, their cost, score, and rank. A detailed breakdown of the city-wide ranking of the drainage CIPs and associated project costs is provided in **Appendix G**. One-page summary sheets of each recommended CIP are included in **Appendix C**.

Table ES-1: Project Ranking

Project Name	Project Cost	Project Score	Project Ranking
Site 1: Humble Ditch Improvements	$ 10,227,900	2.70	6
Site 3: Kenny Lane/Whitney Lake Infrastructure	$ 2,876,083	2.96	3
Site 4: SH 1069 Drainage Improvements - McCampbell Slough to Mooney Lane	$ 15,869,600	2.45	7
Site 5: Mooney/Morgan Long-Term Ponding – Avenue A to Saunders Street	$ 1,019,800	2.40	8
Site 6: Nystrom Addition Drainage Improvements	$ 2,823,800	1.95	9
Site 7: Parkside Terrace Subdivision Drainage Improvements	$ 9,148,800	2.71	5
Site 8: Villanova Place Drainage Improvements	$ 10,075,000	2.75	4
Site 9: Humble Addition and Avenue B Drainage Improvements	$ 5,362,300	3.10	2
Site 10: Live Oak Ditch	$ 16,188,700	3.50	1

Figure ES-1: Proposed Project Sites



Note: Site 2 did not progress to further analysis and CIP development.

1 INTRODUCTION

In June 2022, the City of Ingleside (City) authorized Freese and Nichols, Inc. (FNI) to provide professional engineering services for developing the City of Ingleside's Drainage Master Plan. The Drainage Master Plan will support the goals presented in the City's Comprehensive Master Plan by providing proposed stormwater system improvements and maintenance recommendations, management recommendations to reduce erosion and improve water quality, and a prioritized list of projects that reflect the City's commitment to resolving existing flooding issues while preparing for continued growth.

1.1 PURPOSE OF STUDY AND APPROACH

The Ingleside Drainage Master Plan was prepared to assist the City in evaluating the existing conditions of selected stormwater infrastructure and to develop prioritized capital improvement projects (CIPs) to address problem areas identified as part of the drainage master planning process. All identified problem areas were discussed with City staff to obtain their observations on the identified areas, and compared to the citizen input received through the Virtual Open House community outreach process. Meetings were also held with local stakeholders (TxDOT, San Patricio County Drainage District, and the City of Aransas Pass) to obtain their input on issues they have noted and opportunities for collaboration. Summaries of these meetings are included in **Appendix I**. Additional information on the Virtual Open House process is included in **Section 2.2** and **Section 2.3**.

The evaluation of existing conditions consisted of reviewing various sources of data (such as past studies, Geographical Information System (GIS) data, as-builts, models) and site visits to develop conceptual drainage CIPs. Data from various drainage studies performed in the past were provided to FNI by the City.

For each problem area, at least one conceptual solution and cost estimate was developed to encompass the CIP. The results were used to develop an implementation plan for the City to prioritize improvements. FNI also developed ranking criteria and a scoring system to enable the City to prioritize these CIPs. The developed drainage CIPs were organized in a Microsoft Excel spreadsheet where they can be stored and recalled, with an easy-to-use interface allowing the City to build upon the database in the future.

1.2 PREVIOUS PLANNING EFFORTS

The City of Ingleside has already locally completed or regionally participated in several master planning efforts. This section summarizes the current effective plans. **Section 2.3.1** documents planning linkages to these previous planning efforts for each of the proposed capital improvement projects.

1.2.1 2016 Comprehensive Master Plan

The 2016 Comprehensive Master Plan's (CMP) purpose was to set the stage for the long-range development of the City. The powers granted under Texas Local Government Code Section 213 allow for the promotion of sound development. The CMP describes the City's vision and principles, in part, to tailor future development to the community's needs.

Drainage was noted as a community challenge in the CMP. There is a desire to address this challenge and verify that City standards for curb/gutter, streets and drainage are appropriate for all areas. Improved drainage infrastructure would help with three main concerns: residential development, hazard mitigation, and alignment with other master plans that improve quality of life.

Some of the drainage-related policies and recommendations included:

- Reducing runoff contamination
- Encouraging the development of greenbelts in combination with drainage facilities
- Improving drainage conditions according to proximity to the coast
- Considering ultimate development in the area
- Instituting regulations that protect drainage and improve long-term drainage performance
- Providing floodplain management to reduce erosion, peak flows and poor water quality
- Implementing a systematic maintenance program for water, wastewater, drainage and streets

1.2.2 2018 San Patricio County Hazard Mitigation Plan

San Patricio County's location in the lower Gulf Coast is prone to a wide array of natural hazards that disrupt safety, property, and the local economy. It is impossible to completely prevent natural hazards from taking place, but with proper planning, measures to reduce long-term risks can be implemented. The focus of the 2018 San Patricio County Hazard Mitigation Plan (HMP) was to address vulnerabilities,

minimize the costs of disaster response and recovery, and protect human life by identifying and implementing hazard mitigation actions.

The HMP identified a variety of County-wide recommended actions, such as developing a hazards education program, adopting disaster resistant building codes, and implementing a tree trimming program to clear branches from rights-of-way, among others. A series of 17 actions specific to the City of Ingleside were included in the HMP. These include recommendations such as:

- Improve drainage and implement drainage right-of-way on California Street.
- Adopt and implement a program to regularly clean and repair stormwater drains, and upgrade undersized stormwater drains to improve drainage and reduce flooding.
- Undertake a comprehensive study of flood risk and flood reduction alternatives with the assistance of the US Army Corps of Engineers (USACE) and implement feasible alternatives for flood reduction.
- Implement Avenue B drainage project improvements.

1.2.3 2020 Transportation Master Plan

Transportation master planning addresses public infrastructure (e.g., construction and maintenance of streets), plans for the reduction of congestion, understands and applies alternate modes of mobility, and identifies tools to preserve future corridors. Ingleside's 2020 Transportation Master Plan (TMP) included an existing conditions assessment, proposed street classifications, proposed maintenance plan, and a proposed plan for transportation and mobility throughout the City.

The TMP noted that roadway and mobility improvements should incorporate drainage (and other utility) improvements, when possible, to use the City's limited financial resources most efficiently. Additionally, the TMP discussed the concept of block-by-block infrastructure repair, which includes upgrades and/or addressing any necessary repairs to all utilities within a block to a point where no infrastructure improvements will be needed for the design life. Consistent maintenance of the City's drainage system will help create a longer life cycle for the streets of Ingleside. The TMP also has crossover relevance with the 2021 Parks, Recreation and Open Space Master Plan in that drainage alignments may help better facilitate pedestrian and bicycle connectivity between park facilities.

1.2.4 2021 Parks, Recreation and Open Space Master Plan

The 2021 Parks, Recreation and Open Space Master Plan (PROSMP) guides the long-term vision for the City's parks and recreation system. The PROSMP summarizes the needs and recommended improvements to the parks and recreation system for the following five to ten years. Recommendations include park improvements and new facilities, programming and events, connectivity and accessibility, natural resources, safety and maintenance, and funding and partnerships.

While PROSMP recommendations focus on parks and recreation, there may be opportunities to improve parks and drainage through the same project. For example, trail corridors often run parallel to drainage channels. Conversely, it is also important to ensure that parks and drainage improvements are complementary. For example, one of the City's parks, Whitney Lake, is a constructed wetland with integrated water quality and habitat benefits. As park improvements are considered, it is important to ensure that drainage and stormwater benefits are upheld on the site if not improved.

2 STORMWATER MASTER PLAN DEVELOPMENT

2.1 PRE-PROJECT CONDITIONS

Prior to developing the models for pre-project conditions, a modeling strategy was developed to identify consistent hydrologic and hydraulic modeling nomenclature, practices, parameters, and criteria to be used throughout the analyses. A methodology memorandum (**Appendix K**) was submitted to City staff to document the planned approach and included a map of 100-year storm event HEC-RAS 2D model results indicating flood risk hotspots within the city limits, and a drainage area map that covered the full city limits. The flood risk hotspots exhibit included in the memorandum has since been refined with more detailed modeling, and all exhibits included in this report reflect those refinements and now display the 5-year storm event results. For easier reference, the drainage area map included in the memorandum is included in this report as **Appendix A, Exhibit 1**. Additionally, a new exhibit was developed based on City staff input to show the existing channel infrastructure within the City with channel names identified (**Appendix A, Exhibit 2**).

All analyses were run for the 5-year, 10-year, 25-year, 100-year and 500-year storm events. **Table 2-1** correlates the return period of various storm events to how many inches of rainfall that equates to in a 24-hour period. Additional storm events are included in the table for future reference even though not all

storm events were analyzed as part of the Drainage Master Plan project. Rainfall precipitation values are sourced from the NOAA Atlas 14 Precipitation Frequency Data Server at the centroid of the city limits.

Table 2-1: Storm Event Correlation Table

Storm Event (year)	24-hour Rainfall Depth (inches)
2	4.76
5	6.42
10	7.93
25	10.20
50	11.70
100	14.20
500	19.80

2.1.1 Open Channels – HEC-RAS Modeling

The City's primary open channel systems include Humble Ditch, Kinney Bayou, and McCampbell Slough. A two-dimensional (2D) HEC-RAS model was developed for the entire City, including the City's extraterritorial jurisdiction (ETJ). The 2D HEC-RAS program was selected due to its capability to model riverine systems and surface water. Base Level Engineering (BLE) HEC-RAS models were requested from the Texas Water Development Board (TWDB) to aid in the creation of the City of Ingleside HEC-RAS models. These HEC-RAS models were modified as necessary to meet the needs and criteria of the City of Ingleside.

The information used to update the HEC-RAS models included a combination of readily available data and data developed through hydrologic analysis. Readily available data included data requested from the City of Ingleside, land cover data obtained from the National Land Cover Database (NLCD) from the Multi-Resolution Land Characteristics Consortium website, DEM data obtained from USGS using the 3DEP LidarExplorer website, and soil data from the USGS Web Soil Survey website. Existing land use data was manually categorized for highly developed areas based on aerial imagery. The manually categorized area was merged with NLCD land use data to provide full land use coverage within the HEC-RAS model boundary. The HEC-HMS hydrologic modeling program was used to remove infiltration losses and develop precipitation excess data using NOAA Atlas 14 precipitation depths. This precipitation excess data was used for the HEC-RAS models as the rainfall input data.

Once developed, the HEC-RAS model was run for the following scenarios.

- Existing Conditions – This is a snapshot of current drainage conditions in the City of Ingleside.
    - Where necessary and available, the HEC-RAS model used existing City stormwater infrastructure data, survey, as-built plans, and construction plans, to create an up-to-date existing conditions model.
    - Existing land use data was manually categorized for areas within the HEC-RAS model boundary based on aerial imagery from January 2023.
    - Model results showed overtopping of several roadways, and back-flow of some channels was observed. These results were confirmed by City of Ingleside staff during the Existing Conditions Meeting.
    - Model results were also validated through a comparison of Hurricane Harvey high water marks collected by the USGS at the power plant and at Cove Park. Based on NOAA radar rainfall records, Hurricane Harvey was comparable to a 100-yr, 24-hr SCS design event at the boat ramp and a 50-yr design event at the power plant. Results of the existing conditions HEC-RAS model for these events showed validation of the high water marks to within six inches.
- Future Conditions – This is a look forward to the City of Ingleside once it is completely built out.
    - Future conditions are based on the future land use map developed as part of the City's Comprehensive Plan and assumes no additional stormwater improvements are made.
    - Model results showed the future condition results paralleled existing conditions. However, most issues identified in the existing conditions were exacerbated, attributable to an increase in impervious cover.

2.1.2 Local Systems – ICM Modeling

An Infoworks Integrated Catchment Model (ICM) was developed for the local systems, which generally constitute the developed areas of Ingleside with underground storm drain systems. The ICM program was selected due to its capability to model underground drainage systems and their relationship to surface water. The HEC-HMS hydrologic modeling program was used to remove infiltration losses and develop precipitation excess data using NOAA Atlas 14 precipitation depths. This precipitation excess data was used for the ICM models as the rainfall input data.

Once developed, the ICM model was run for the following scenarios.

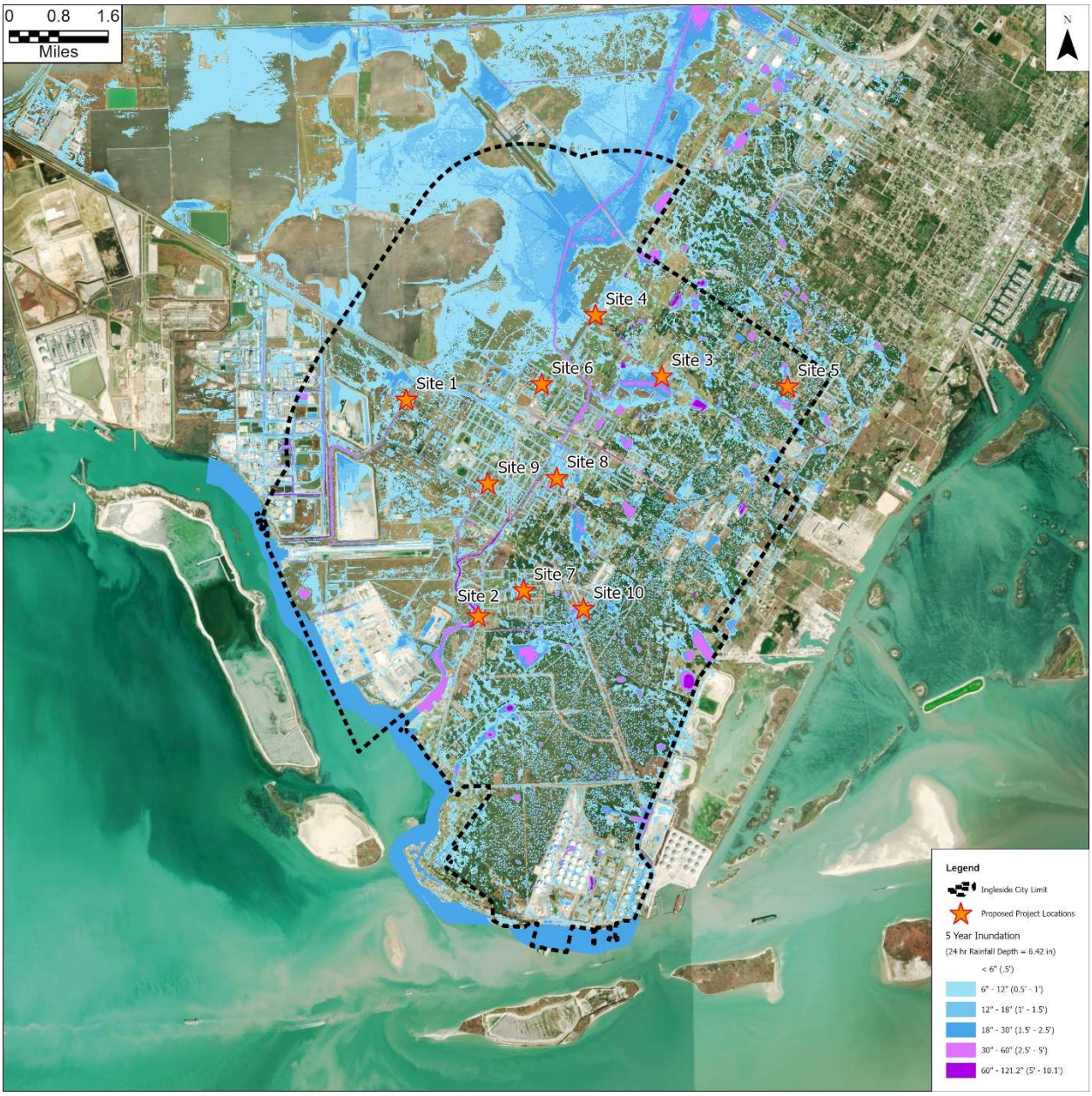
- Existing Conditions – This is a snapshot of current drainage conditions in the City of Ingleside.
    - The ICM model used existing city stormwater infrastructure data as well as data from CCTV, survey, as-builts plans, and construction plans to create an up-to-date existing conditions model.
    - Existing land use data was manually categorized for areas within the ICM model boundary based on aerial imagery from January 2023.
    - Model results showed flooding in numerous neighborhoods, homes, and streets due to the insufficient capacity of stormwater systems. These results were confirmed by City of Ingleside staff during the Existing Conditions Meeting.
- Future Conditions – This is a look forward to the City of Ingleside once it is completely built out.
    - Future conditions are based on the future land use map developed as part of the City's Comprehensive Plan and assumes no additional stormwater improvements are made.
    - Model results showed the future condition results paralleled existing conditions. However, most issues identified in the existing conditions were exacerbated, attributable to an increase in impervious cover.

2.2 PROBLEM AREA IDENTIFICATION

Based on the existing buildout conditions and future buildout conditions modeling, numerous inundation hotspots were noted across the City. After compiling the problem areas, FNI developed a preliminary problem area location map and site identification numbers (see the list below and **Figure 2-1**).

- Site 1: Humble Ditch and West Main area
- Site 2: Kinney Bayou overtopping of SH 1069 between North Street and Port Avenue
- Site 3: Kenny Lane/Whitney Lake area
- Site 4: SH 1069 between McCampbell Slough and Mooney Lane
- Site 5: Long-term ponding in the northern section of Ingleside
- Site 6: Inundation in the Nystrom Addition neighborhood
- Site 7: Inundation in the Parkside Terrace subdivision
- Site 8: Inundation in the Villanova Place subdivision
- Site 9: Inundation in the Humble Addition neighborhood and along Avenue B
- Site 10: Planning for future development on the south side of Ingleside near Achievement Boulevard and 8th Street

Figure 2-1: Existing Inundation Depth Results and Problem Areas for 5-Year Storm Event



Note: Site 2 did not progress to further analysis and CIP development.

These ten potential CIP project locations were developed based on the most severely inundated areas that appeared to be impacting a significant number of residents and public roadways. The identified problem areas were reviewed with City staff and also validated by public input received through the Virtual Open House #1 (VOH-1), which provided opportunities for people to learn about the Drainage Master Plan process and provide input about their experiences with flooding in Ingleside. VOH-1 activities included an introductory video, a public survey, and an interactive map. Eight survey responses were

received, and 31 comments were added to the interactive map. Responses are summarized in **Appendix I.2**.

The maximum number of projects scoped for modeling in this Drainage Master Plan was nine projects. To pare down the list, discussions were held with City staff and a recommendation was made to City Council to not progress Site 2 forward into the CIP development phase. Although modeling shows potential for inundation of SH 1069 under future buildout conditions at Site 2, City staff reported they have not seen this occur or be an issue in the past. However, flooding is known to occur under existing conditions in the other nine sites that were noted, so those sites were progressed to the CIP development phase.

2.3 PROJECT DEVELOPMENT

This task included the development of improvement alternatives to address identified flood prone areas. The alternatives in fully developed areas considered retrofit and upsizing of existing systems, whereas alternatives in undeveloped areas reflect anticipated development to allow planning of drainage infrastructure ahead of development, which will be necessary to accommodate future flows.

Preliminary improvements were proposed to mitigate these drainage problems and to develop the CIPs. The CIPs range from small projects that may be able to be implemented by City crews to large projects that will require a contractor. Ultimately, the City can break out or combine various elements of the different CIPs as needed to make the best use of City funds.

In addition to the larger, capital projects, a list of small drainage projects was also developed. These small projects are typically maintenance focused and can likely be completed by City staff (see **Section 2.3.2** and **Appendix J**).

It should be noted that the proposed improvements are not based on detailed engineering analysis or design. Rather they are based on field visits, review of existing data, and limited modeling and calculations. A detailed hydrologic and hydraulic impact analysis should be performed during final design to ensure the recommended improvements will not cause adverse impacts upstream or downstream of the project site.

These nine CIP projects developed for this drainage master plan were reviewed with City staff, presented to City Council, and shared publicly for community input through the Virtual Open House #2 (VOH-2). The purpose of VOH-2 was to give the people living and working in the community an opportunity to provide feedback on the proposed projects. The VOH-2 website included an overview map of the projects,

summaries of the existing problems, summaries of the proposed improvements, and figures providing a schematic of the proposed improvements. Seventeen comments were received from a total of seven individuals (based on unique IP addresses). Responses are summarized in **Appendix I.3**.

2.3.1 Proposed Capital Improvement Projects

A total of nine project sites were analyzed for a potential drainage project that would reduce inundation during the 5-year storm event. The baseline was set by determining the depth of inundation and the number of potentially impacted structures during the 5-year storm event and based on existing land use conditions. Analysis of the effectiveness of the proposed improvements was determined based on:

- Inundation depth reduction.
- The number of structures removed from the potentially inundated areas. (Analysis assumed all structures have a finished floor elevation of at least 6-inches above the topographic surface. If inundation depths intersecting a structure were greater than 6-inches of depth, the structure was assumed to be inundated.)
- Reduction in the length of impassable roadway, defined as roadway inundated to a depth of greater than 6-inches.

Based on the analyses, the project limits were refined, and the following list of projects was developed.

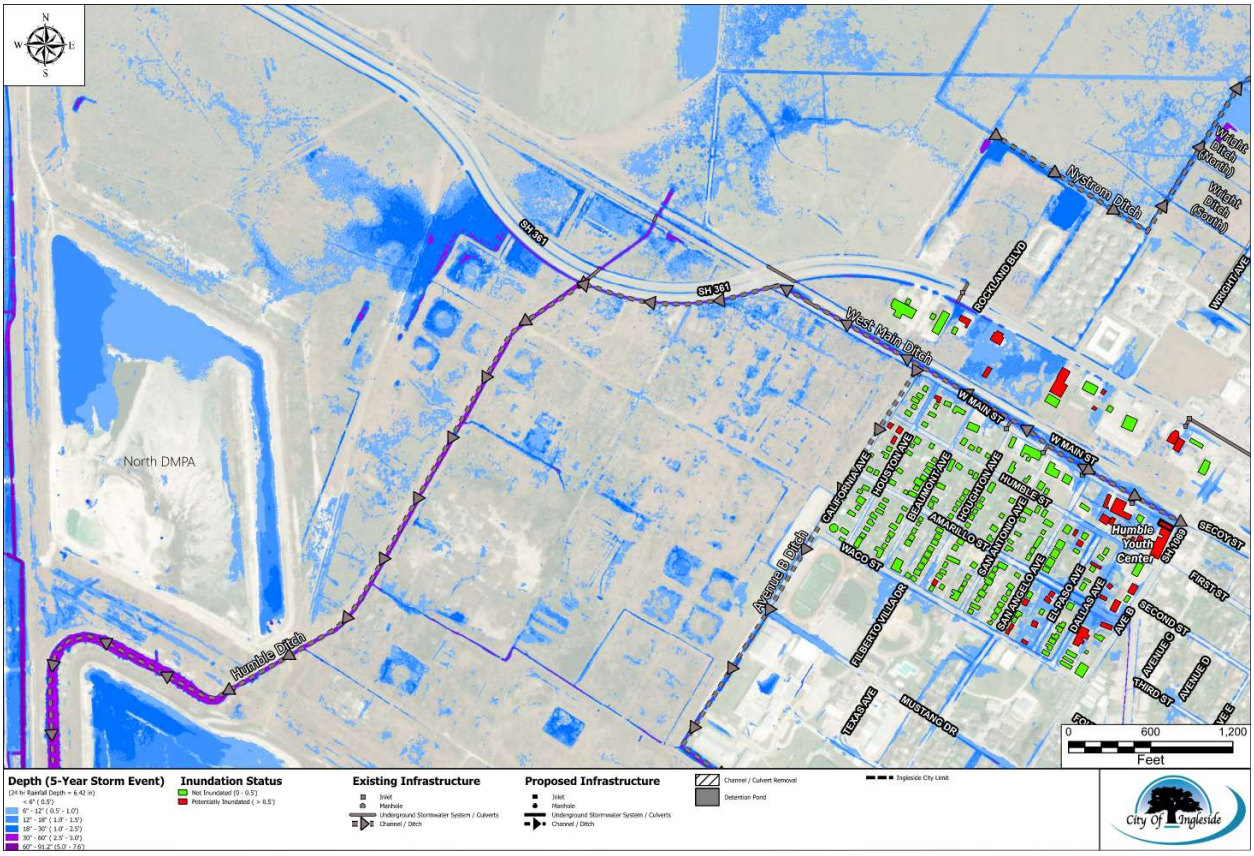
- Site 1: Humble Ditch Improvements
- Site 3: Kenny Lane/Whitney Lake Infrastructure
- Site 4: SH 1069 Drainage Improvements - McCampbell Slough to Mooney Lane
- Site 5: Mooney/Morgan Long-Term Ponding – Avenue A to Saunders Street
- Site 6: Nystrom Addition Drainage Improvements
- Site 7: Parkside Terrace Subdivision Drainage Improvements
- Site 8: Villanova Place Drainage Improvements
- Site 9: Humble Addition and Avenue B Drainage Improvements
- Site 10: Live Oak Ditch

Each project area is summarized as a one-page document located in **Appendix C**, and in the following subsections.

2.3.1.1 Site 1: Humble Ditch Improvements

Existing problem: West Main Street experiences flooding that overtops the road and limits access to and from the adjacent business, including the Humble Youth Center, during even the smaller storm events. City staff indicated that cars driving along West Main Street cause waves that send water into the Humble Youth Center building. Flooding issues in the West Main Street area are exacerbated due to backflow in the upstream section of the Humble Ditch. This backflow is represented in the model and has been confirmed by City staff. Water near the Humble Youth Center also seems to be relatively isolated from the drainage systems which causes lack of flow and ponding along West Main Street. These flooding issues can result in road and building damage. The existing inundation extents are shown in **Figure 2-2** and in **Appendix B.1A**.

Figure 2-2: Humble Ditch Improvements - Existing Conditions Flooding Extents



Note: Flooding extents based on existing land use conditions and the 5-year storm event.

Proposed Improvements: Improve approximately 5,000 linear feet of the Humble Ditch. Improvements include regrading the Humble Ditch from the south edge of State Highway 361 (SH 361) to approximately halfway between the Dredge Material Placement Area (DMPA) cells,

and concrete lining the channel. Proposed dimensions include a 20-foot bottom width with the top width being restrained by the San Patricio County Drainage District easements. These improvements will allow the Humble Ditch to flow in the original intended direction and relieve some ponding in between SH 361 and West Main Street. The proposed improvements do not entirely prevent ponding along West Main Street, but improving the drainage downstream of the problem area does reduce the amount of time ponding occurs along West Main Street. also, improving the Humble Ditch cannot entirely alleviate the flooding at the Humble Youth Center, so flood protection systems for the building itself should be considered to prevent water damage to the building. Proposed improvements are shown in **Figure 2- 3** and in **Appendix B.1B**.

Figure 2- 3: Humble Ditch Improvements - Proposed Drainage Improvements

Summary of Results: Benefits stemming from the proposed improvements include reductions in the flood extents in the area between SH 361 and West Main Street and a reduction in the amount of time the West Main Street system is inundated. The HEC-RAS models indicate that the proposed alternatives may decrease the extent or depth of flooding in nearby areas, but almost no significant positive impacts are noted near the Humble Youth Center. Several different proposed improvement scenarios were analyzed, but the greatest beneficial impacts were attributed to improvements to the Humble Ditch, which reduced backflow into the West Main

Ditch and reduced the amount of time the West Main Street systems were inundated. **Table 2-2** summarizes the results.

Table 2-2: Humble Ditch Improvements - Summary of Results

Site 1: Humble Ditch Improvements			
Criteria	**Existing Conditions (No Improvements)**	**Existing Conditions (With Improvements)**	**Future Buildout (No Improvements)**
5-yr Storm Event (6.42 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	72.3	65.7	92.0
Inundated Roadway (> 6" depth; LF)	10,812	10,443	13,707
Number of Potentially Inundated Structures (> 6" depth)	37	36	58
Maximum Flood Depth (ft)	1.22	1.17	1.40
Length of Time Inundated (hrs)	34.00	33.00	43.25
10-yr Storm Event (7.93 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	91.9	87.2	109.8
Inundated Roadway (> 6" depth; LF)	14,148	13,590	17,077
Number of Potentially Inundated Structures (> 6" depth)	55	55	70
Maximum Flood Depth (ft)	1.45	1.39	1.62
Length of Time Inundated (hrs)	41.25	40.25	48.50
25-yr Storm Event (10.20 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	116.7	111.9	133.9
Inundated Roadway (> 6" depth; LF)	18,974	17,943	20,540
Number of Potentially Inundated Structures (> 6" depth)	86	80	101
Maximum Flood Depth (ft)	1.81	1.68	1.94
Length of Time Inundated (hrs)	50.75	49.75	60.25
100-yr Storm Event (14.20 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	153.4	153.3	167.9
Inundated Roadway (> 6" depth; LF)	24,363	24,316	25,340
Number of Potentially Inundated Structures (> 6" depth)	125	125	133
Maximum Flood Depth (ft)	2.20	2.22	2.31
Length of Time Inundated (hrs)	69.25	68.50	71.00
500-yr Storm Event (19.80 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	183.1	184.3	196.7
Inundated Roadway (> 6" depth; LF)	28,066	28,062	29,277
Number of Potentially Inundated Structures (> 6" depth)	146	145	154
Maximum Flood Depth (ft)	2.46	2.50	2.59
Length of Time Inundated (hrs)	72.25	71.50	73.50

Project Considerations: The San Patricio County Drainage District (SPCDD) is responsible for channel maintenance and improvements on the Humble Ditch. The proposed improvements to Humble Ditch should be achievable within the existing SPCDD drainage easement, but this should be confirmed during final design. The locations of any utilities in the area should be confirmed during the design process to ensure there are no conflicts with the proposed drainage improvements. There are several oil, gas, highly volatile liquid pipelines and a major water transmission line crossing the Humble Ditch at unknown depths. Coordination with these private and public pipeline owners will be required during project development and construction. No permitting requirements are anticipated.

Planning Linkages: This section identifies potential areas of overlap and/or mutually beneficial projects recommended in this Plan and those described in the Previous Planning Efforts section at the beginning of this report.

- 2016 Comprehensive Master Plan (CMP):

  The CMP highlights a need for improved flood control measures and includes infrastructure policies to implement varying methods for stormwater drainage management. While there are no specific projects recommended in the CMP, the proposed Humble Ditch improvements help to implement its high-level policies.

- 2018 San Patricio County Hazard Mitigation Plan (HMP):

  The HMP recommended County-wide and Ingleside-specific mitigation actions to reduce the negative impacts of natural hazards. The proposed Humble Ditch improvements help support proposed action #7 for the City of Ingleside to undertake a comprehensive study of flood risk and implement feasible alternatives for flood reduction.

- 2020 Transportation Master Plan (TMP):

  The TMP recommends combining street and utility projects whenever possible. However, this project includes minimal work along a roadway, so there are no strong plan linkages to the TMP.

- 2021 Parks, Recreation and Open Space Master Plan (PROSMP):

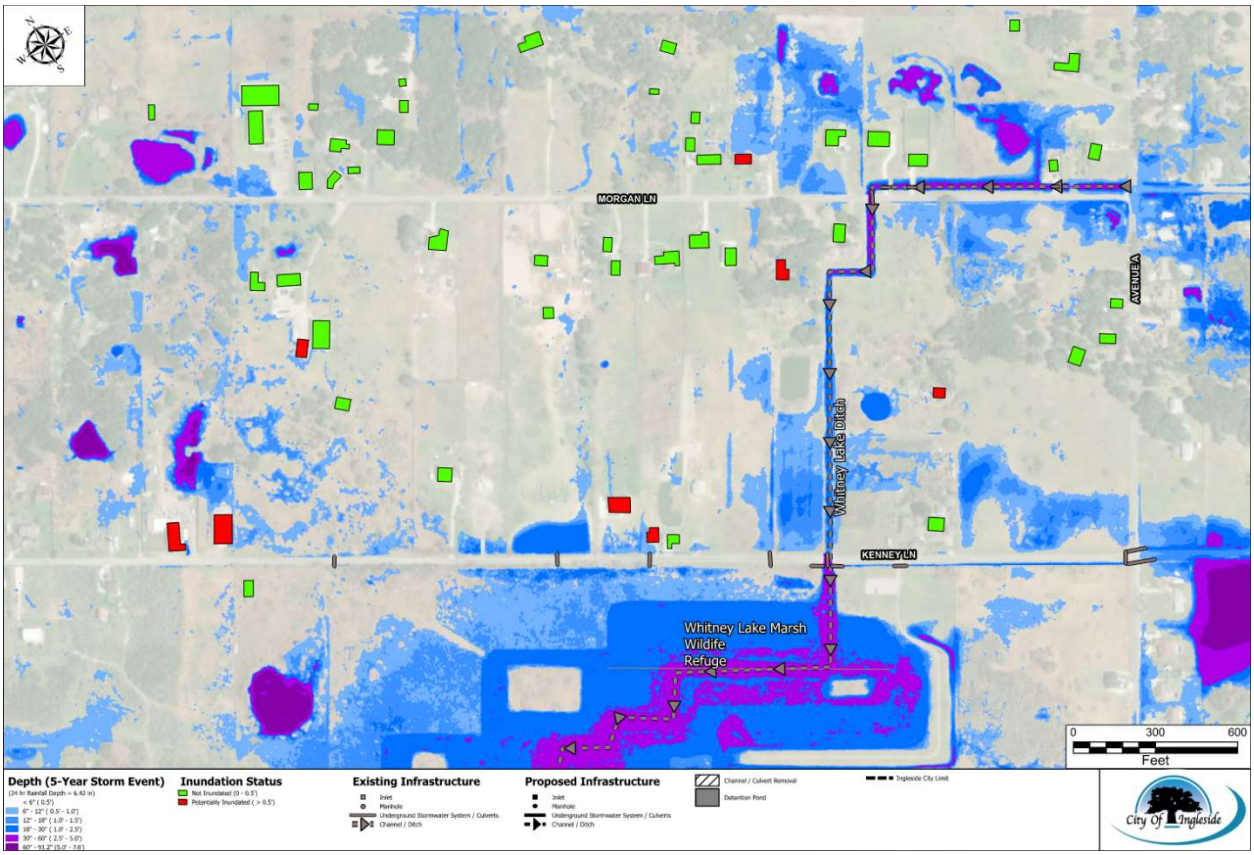
  The Humble Youth Center provides a variety of recreational camps and programs and is the only City-run recreation facility for youth. It is safe to assume that the ability of the Center to provide these programs can be inhibited by flooding conditions. This project

will help to reduce the flooding impact on the Center and thus support recreation options for the community. In addition to implementing the Humble Ditch improvements, the City should also consider flood protection systems for the building to best protect this recreation resource from storm events.

2.3.1.2 Site 3: Kenny Lane/Whitney Lake Infrastructure

Existing problem: Residential properties along Kenny Lane are flooding during even small storm events. Additionally, Kenny Lane experiences roadway overtopping during the 100-year or larger storm events. There are no existing roadside ditches and only one property on Kenny Lane has a driveway culvert. Existing cross culverts are limited and undersized due to lack of cover. Flooding events can limit residents' ability to leave their homes, pose a safety concern if emergency services are unable to safely access these residences, and can cause damage to pavement over time due to repeated inundation. The existing inundation extents are shown in **Figure 2-4** and in **Appendix B.2A**.

Figure 2- 4: Kenny Lane/Whitney Lake Infrastructure - Existing Conditions Flooding Extents

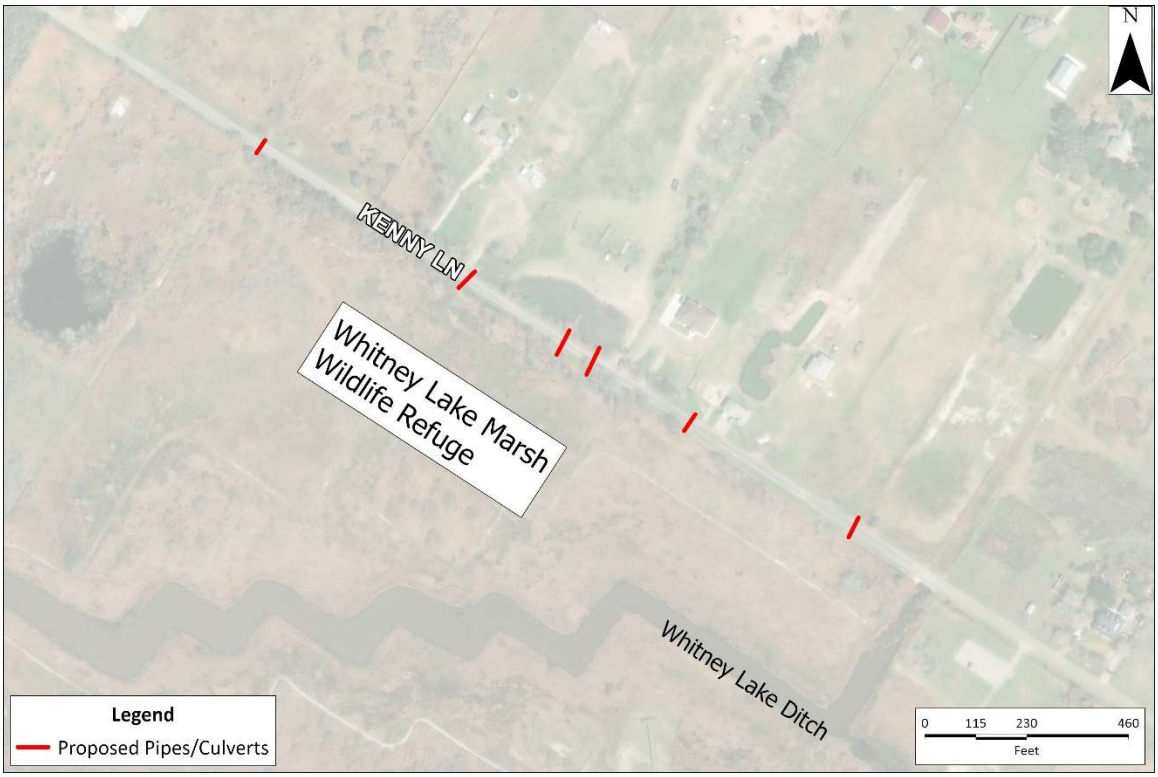


Note: Flooding extents based on existing land use conditions and the 5-year storm event.

Proposed Improvements: At the onset of this project, there were already plans for improvements along Kenny Lane. Proposed improvements in the Kenny Lane Construction Plans provided by the City were modeled. This includes approximately 440 linear feet of 15-inch reinforced concrete pipe (RCP) culverts along Kenny Lane to provide flow from the north side to the south side of Kenny Lane. Proposed improvements are shown in **Figure 2-5** and in **Appendix B.2B**. The following additional alternatives were analyzed to determine if further improvements were warranted, but none proved to be substantially more effective than the improvements in the Kenny Lane Construction Plans.

- Modeled culverts in the same plan configuration as the current construction plans, but extended the outfall into Whitney Lake instead of the south side of Kenny Lane
- Concrete-lined the upstream section of the channel between Morgan Lane and Kenny Lane
- Added culverts on the east side of the main culvert crossing under Kenny Lane to relieve the northeast area

Figure 2- 5: Kenny Lane/Whitney Lake Infrastructure - Proposed Drainage Improvements



Summary of Results: Benefits stemming from the proposed Kenny Lane Construction Plan Improvements include reductions in drainage time. Only minor depth and extent reductions were observed. Similar trends were observed for the alternative with the culverts directly draining to the lake. Upstream channel improvements had insignificant changes to the Kenny Lane area and only slightly decreased water surface elevation and extent for a few houses on Morgan Lane. Cross culverts on the east side of the main Kenny Lane culvert only provide small relief to a couple of houses northeast of the culvert. **Table 2-3** summarizes the modeling results for proposed improvements (based on the Kenny Lane Construction Plans).

Table 2- 3: Kenny Lane/Whitney Lake Infrastructure - Summary of Results

Site 3: Kenny Lane/Whitney Lake Infrastructure			
Criteria	**Existing Conditions (No Improvements)**	**Existing Conditions (With Improvements)**	**Future Buildout (No Improvements)**
5-yr Storm Event (6.42 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	63.8	63.6	78.9
Inundated Roadway (> 6" depth; LF)	83	83	196
Number of Potentially Inundated Structures (> 6" depth)	8	7	13
Maximum Flood Depth (ft)	1.65	1.43	1.76
Length of Time Inundated (hrs)	28.75	28.75	33.75
10-yr Storm Event (7.93 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	78.9	78.5	92.7
Inundated Roadway (> 6" depth; LF)	232	234	624
Number of Potentially Inundated Structures (> 6" depth)	12	12	13
Maximum Flood Depth (ft)	1.83	1.79	2.4
Length of Time Inundated (hrs)	33.00	33.00	37.75
25-yr Storm Event (10.20 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	97.3	96.7	108.0
Inundated Roadway (> 6" depth; LF)	988	914	1,869
Number of Potentially Inundated Structures (> 6" depth)	14	14	16
Maximum Flood Depth (ft)	2.65	2.57	2.81
Length of Time Inundated (hrs)	37.25	37.25	42.25
100-yr Storm Event (14.20 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	120.0	119.8	129.4
Inundated Roadway (> 6" depth; LF)	3,092	3,092	3,508
Number of Potentially Inundated Structures (> 6" depth)	20	20	23
Maximum Flood Depth (ft)	3.23	3.23	3.46
Length of Time Inundated (hrs)	41.50	41.50	46.50
500-yr Storm Event (19.80 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	142.5	142.4	149.3
Inundated Roadway (> 6" depth; LF)	4,576	4,576	5,012
Number of Potentially Inundated Structures (> 6" depth)	26	26	29
Maximum Flood Depth (ft)	3.93	3.93	4.1
Length of Time Inundated (hrs)	45.75	45.75	50.25

Project Considerations: The proposed improvements have already been incorporated into the Kenny Lane Construction Plans. No utility conflicts are anticipated, and no drainage easement acquisition or permitting is required.

Planning Linkages: This section identifies potential areas of overlap and/or mutually beneficial projects recommended in this Plan and those described in the Previous Planning Efforts section at the beginning of this report.

- 2016 Comprehensive Master Plan (CMP):
  Improving flood control is a policy listed in the CMP. The proposed Kenny Lane/Whitney Lake infrastructure improvements will help to reduce flood depths in the area, thus supporting the CMP policy.

- 2018 San Patricio County Hazard Mitigation Plan (HMP):
  The Kenny Lane/Whitney Lake infrastructure improvements do not address any site-specific actions in the HMP, but do support action #7 for the City of Ingleside to implement feasible alternatives for flood reduction.

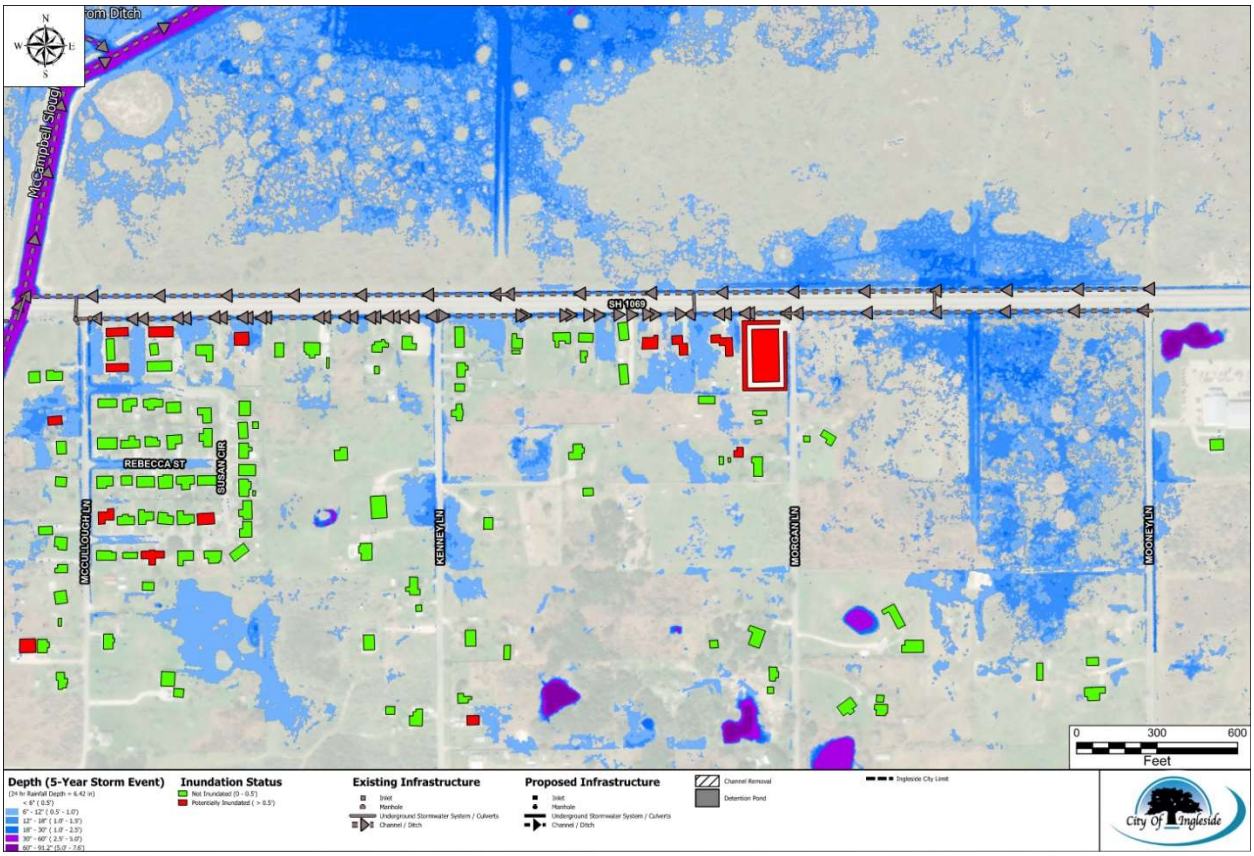
- 2020 Transportation Master Plan (TMP):
  The Thoroughfare Plan in the TMP illustrates Kenny Lane as a proposed Minor Collector. It is not clear if this means that the road will be upsized in the future. If so, roadway improvements will need to complement the proposed flood reduction infrastructure. Regardless, if any current roadway work is needed in the areas of proposed drainage improvements, the TMP policies recommend combining it with the drainage project to the extent feasible to best use City resources.

- 2021 Parks, Recreation and Open Space Master Plan (PROSMP):
  The Kenny Lane/Whitney Lake infrastructure improvements are located adjacent to the northeastern boundary of Whitney Lake, which is a City park and a constructed wetland. Allowing stormwater drainage to move into the park rather than pond on the north side of Kenny Lane complements the park's purpose. However, the PROSMP identified various proposed improvements to the park, one of which is a loop trail around the property. When the City proceeds with the loop trail, it will be important to verify that the trail routing and design complements the proposed Kenny Lane/Whitney Lake infrastructure.

2.3.1.3 Site 4: SH 1069 Drainage Improvements - McCampbell Slough to Mooney Lane

Existing problem: State Highway 1069 (SH 1069) is acting as a barrier that causes water surface elevations to rise on the east side of the highway, resulting in inundation of properties east of SH 1069 between McCampbell Slough and Mooney Lane. The ponding caused by the road can lead to lack of accessibility to the properties in the area, pose a safety concern if emergency services are unable to safely access inundated properties, and could potentially result in damage to structures. Existing cross culverts and roadside ditches on either side of SH 1069 do not have enough capacity to efficiently move flow to McCampbell Slough. The existing inundation extents are shown in **Figure 2-6** and in **Appendix B.3A**.

Figure 2-6: SH 1069 Drainage Improvements - McCampbell Slough to Mooney Lane - Existing Conditions Flooding Extents



Note: Flooding extents based on existing land use conditions and the 5-year storm event.

Proposed Improvements: The roadside ditches along SH 1069 will be improved, additional culverts will be constructed under SH 1069 to move stormwater more efficiently from the east side to the west side of the highway, and a new detention pond will be constructed. Proposed improvements are shown in **Figure 2-7** and in **Appendix B.3B**.

- Construct approximately 3,452 linear feet of 4-foot bottom width, concrete-lined roadside ditch along the west side of SH 1069. The concrete lined ditch is assumed to daylight to existing ground at a slope of 3 horizontal to 1 vertical (3H:1V). Top width varies due to differences in existing ground elevations.

- Construct approximately 1,610 linear feet of 3-foot bottom width grass-lined ditch improvements along the east side of SH 1069. Grass-lined ditches between Morgan Lane and Mooney Lane are assumed to daylight to existing ground at a slope of 3H:1V, while remaining grass-lined ditches daylight at a rate of 5H:1V. Top width varies due to differences in existing ground elevations.

- Culverts to move water from east to west of SH 1069 will be placed in strategic locations. Ditches on the east side of the road will be graded to send flow to the cross culverts.

- The west side ditch will be graded to send flow from the cross culverts to McCampbell Slough.

- A detention pond is also recommended on the corner of SH 1069 and Mooney Lane due to the general lack of flow in the area. A gravity drained detention pond would not be deep enough to provide significant drainage benefits; therefore, a pumped detention pond is proposed for this site.

Figure 2-7: SH 1069 Drainage Improvements - McCampbell Slough to Mooney Lane - Proposed Drainage Improvements

Summary of Results: Benefits stemming from the proposed improvements include reductions in the flood depth, and minor reductions in the number of potentially inundated structures, the potentially inundated area extents, and length of inundated roadway. **Table 2-4** summarizes the modeling results for SH 1069 between McCampbell Slough and Mooney Lane.

Table 2-4: SH 1069 Drainage Improvements - McCampbell Slough to Mooney Lane - Summary of Results

Site 4: SH 1069 Drainage Improvements - McCampbell Slough to Mooney Lane			
Criteria	**Existing Conditions (No Improvements)**	**Existing Conditions (With Improvements)**	**Future Buildout (No Improvements)**
5-yr Storm Event (6.42 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	125.5	122.4	168.0
Inundated Roadway (> 6" depth; LF)	5,931	5,909	7,565
Number of Potentially Inundated Structures (> 6" depth)	16	12	30
Maximum Flood Depth (ft)	1.43	1.05	1.64
Length of Time Inundated (hrs)	33.50	33.50	51.75
10-yr Storm Event (7.93 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	171.2	164.2	203.6
Inundated Roadway (> 6" depth; LF)	7,460	7,408	8,877
Number of Potentially Inundated Structures (> 6" depth)	28	24	45
Maximum Flood Depth (ft)	1.64	1.28	1.82
Length of Time Inundated (hrs)	35.00	34.75	53.50
25-yr Storm Event (10.20 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	220.7	211.7	250.8
Inundated Roadway (> 6" depth; LF)	9,668	9,410	11,019
Number of Potentially Inundated Structures (> 6" depth)	47	39	54
Maximum Flood Depth (ft)	1.92	1.58	2.17
Length of Time Inundated (hrs)	36.75	36.75	55.75
100-yr Storm Event (14.20 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	303.2	297.6	333.5
Inundated Roadway (> 6" depth; LF)	13,315	12,795	15,777
Number of Potentially Inundated Structures (> 6" depth)	73	70	87
Maximum Flood Depth (ft)	2.48	2.20	2.67
Length of Time Inundated (hrs)	39.75	39.75	58.75
500-yr Storm Event (19.80 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	381.5	381.4	404.6
Inundated Roadway (> 6" depth; LF)	19,486	19,478	21,853
Number of Potentially Inundated Structures (> 6" depth)	99	99	108
Maximum Flood Depth (ft)	2.96	2.95	3.1
Length of Time Inundated (hrs)	43.75	43.00	63.25

Project Considerations: Coordination with and project approval by TxDOT will be required to achieve the proposed project. Land acquisition for the proposed detention pond will be required. City staff should also confirm that the proposed improvements along SH 1069 can be constructed within the TxDOT ROW, or if additional drainage easements will need to be obtained from the adjacent property owners. Natural gas, oil, and wastewater pipelines may cause construction conflicts. Locations of utilities in the area should be confirmed during the design process to ensure no conflicts exist with the proposed drainage improvements. Water quality improvements should be incorporated into the detention pond during final design. A USACE Nationwide Permit (NWP 43) may be required for this project due to the project tie-in at McCampbell Slough and should be confirmed during final design. Phasing of this project could be considered starting with the most downstream portions of the project.

- Phase 1 – Roadside ditch improvements and culverts crossing SH 1069
- Phase 2 – Detention pond

Planning Linkages: This section identifies potential areas of overlap and/or mutually beneficial projects recommended in this Plan and those described in the Previous Planning Efforts section at the beginning of this report.

- 2016 Comprehensive Master Plan (CMP):

  The CMP identified policies to improve flood control as well as the need to partner with TxDOT on roadway projects. By reducing maximum flood depths and the number of potentially inundated structures, as well as coordinating with TxDOT on the improvements along SH 1069, this project is helping to implement multiple policies in the CMP.

- 2018 San Patricio County Hazard Mitigation Plan (HMP):

  There are no site-specific actions items in the HMP near the SH 1069 drainage improvements. However, by improving drainage conditions, this project is helping to support action #7 for the City of Ingleside to implement feasible alternatives for flood reduction.

- 2020 Transportation Master Plan (TMP):

  The recommended maintenance program in the TMP calls for pairing transportation improvements with other utility improvements. Many of the SH 1069 drainage improvements run parallel to the road. These improvements will reduce the number of inundated roadways. As an existing primary arterial road, this is especially important. If other roadway work is needed in the areas of proposed drainage improvements, it should be completed with the drainage project to the extent feasible to best use City resources.

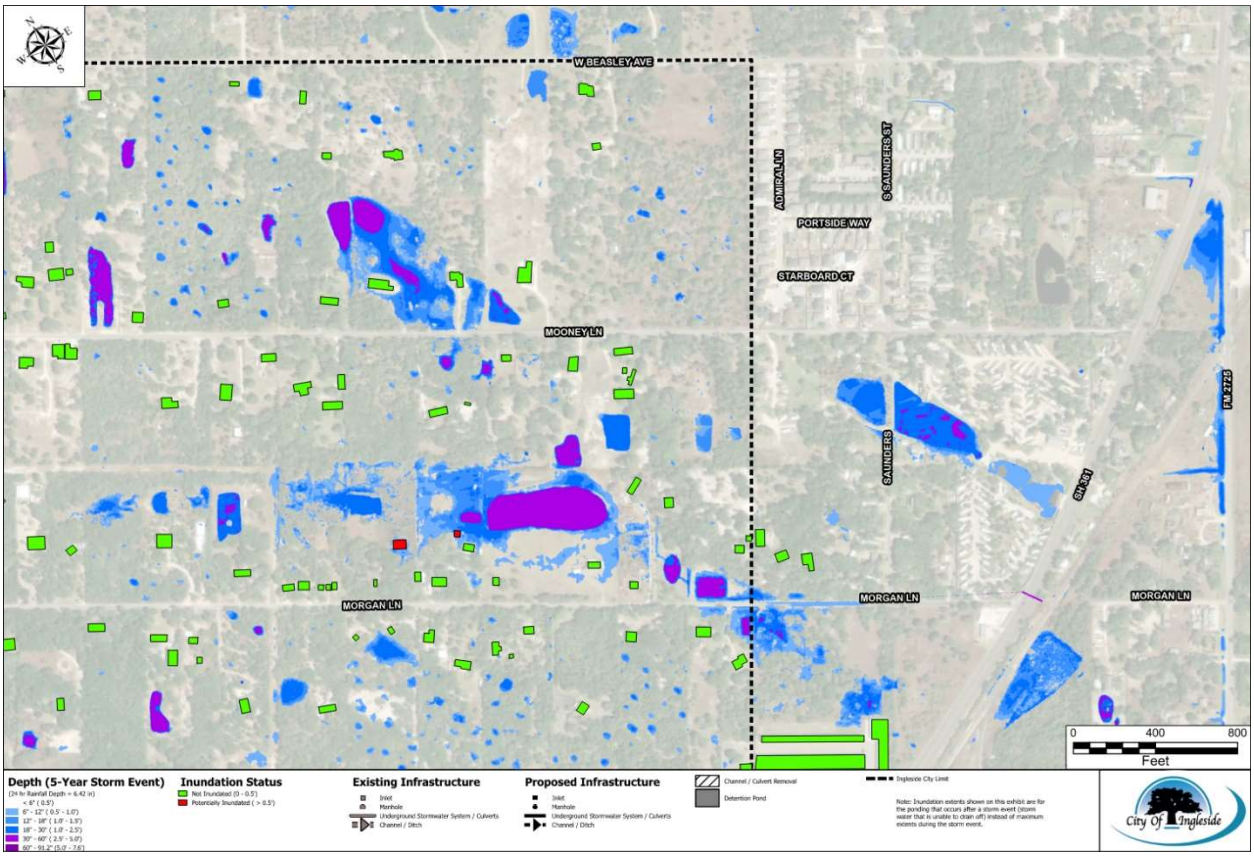
- 2021 Parks, Recreation and Open Space Master Plan:

  The proposed SH 1069 drainage improvements are not near any existing or proposed parks or recreation amenities or facilities, so there are no strong plan linkages to the PROSMP.

2.3.1.4 Site 5: Mooney/Morgan Long-Term Ponding – Avenue A to Saunders Street

Existing problem: Stormwater is ponding on residential lots on both sides of Mooney Lane between Avenue A and South Saunders Street. Water stands on the lots for extended periods of time even after most areas have drained. This long-term ponding has been observed in the HEC-RAS model and confirmed by City staff and public comments during the Virtual Open House #1. This creates potential health concerns and inconveniences for nearby homeowners. The existing inundation extents are shown in **Figure 2-8** and in **Appendix B.4A**.

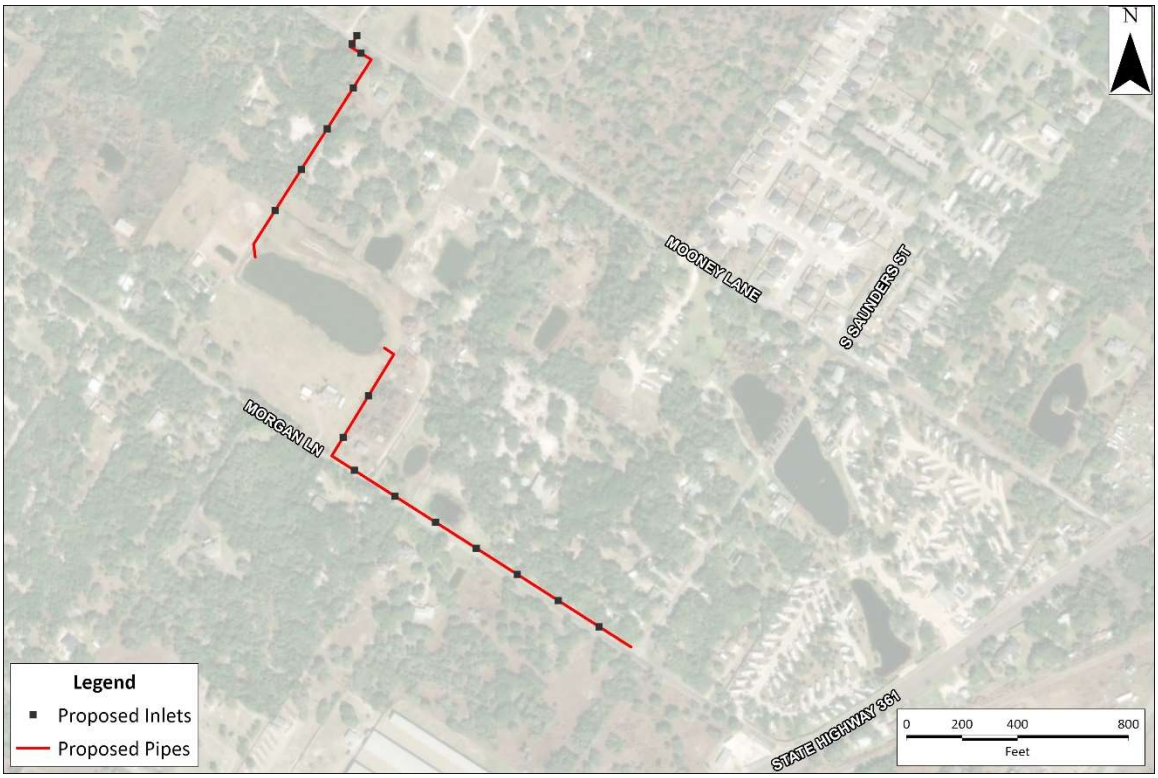
Figure 2-8: Mooney/Morgan Long-Term Ponding – Avenue A to Saunders Street - Existing Conditions Flooding Extents



Note: Flooding extents based on existing land use conditions and the 5-year storm event. Inundation extents shown are for the ponding that occurs after a storm event (stormwater that is unable to drain off) instead of maximum extents during the storm event.

Proposed Improvements: Construct approximately 2,585 linear feet of 15-inch PVC pipe to connect flow from the ponded areas north of Mooney Lane to the existing pond south of Mooney Lane. An outfall pipe will be added to the pond south of Mooney Lane, which will drain to an existing TxDOT or City of Aransas Pass inlet near the intersection of Morgan Lane and South Saunders Street, which appears to drain along Morgan Lane to a TxDOT culvert under SH 361. Grate or post inlets will be installed along the new pipes at an interval of 175 feet to help drain the area. Proposed improvements are shown in **Figure 2-9** and in **Appendix B.4B**.

Figure 2-9: Mooney/Morgan Long-Term Ponding – Avenue A to Saunders Street - Proposed Drainage Improvements



Summary of Results: Benefits stemming from the proposed improvements include reductions in drainage time. Based on the modeling results, there were areas that never drain off after a storm event (water would inundate the lots until it could evaporate or infiltrate into the soil). This proposed project significantly decreases the amount of time these properties experience inundation and provides a mechanism for the properties to drain after a storm event. **Table 2-5** summarizes the modeling results for the Mooney/Morgan Long-Term Ponding – Avenue A to Saunders Street project.

Table 2-5: Mooney/Morgan Long-Term Ponding – Avenue A to Saunders Street - Summary of Results

Site 5: Mooney/Morgan Long-Term Ponding – Avenue A to Saunders Street			
Criteria	**Existing Conditions (No Improvements)**	**Existing Conditions (With Improvements)**	**Future Buildout (No Improvements)**
5-yr Storm Event (6.42 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	29.5	18.8	29.1
Inundated Roadway (> 6" depth; LF)	192	79	184
Number of Potentially Inundated Structures (> 6" depth)	3	3	3
Maximum Flood Depth (ft)	2.92	1.31	2.91
Length of Time Inundated (hrs)	N/A	92.00	N/A
10-yr Storm Event (7.93 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	30.7	19.1	30.0
Inundated Roadway (> 6" depth; LF)	192	81	186
Number of Potentially Inundated Structures (> 6" depth)	3	3	4
Maximum Flood Depth (ft)	2.95	1.38	2.91
Length of Time Inundated (hrs)	N/A	94.50	N/A
25-yr Storm Event (10.20 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	31.4	19.6	30.0
Inundated Roadway (> 6" depth; LF)	192	83	186
Number of Potentially Inundated Structures (> 6" depth)	4	3	4
Maximum Flood Depth (ft)	2.95	1.33	2.95
Length of Time Inundated (hrs)	N/A	99.75	N/A
100-yr Storm Event (14.20 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	31.4	19.9	30.0
Inundated Roadway (> 6" depth; LF)	192	89	186
Number of Potentially Inundated Structures (> 6" depth)	4	3	4
Maximum Flood Depth (ft)	2.95	1.42	2.95
Length of Time Inundated (hrs)	N/A	102.75	N/A
500-yr Storm Event (19.80 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	31.4	20.2	30.1
Inundated Roadway (> 6" depth; LF)	192	99	186
Number of Potentially Inundated Structures (> 6" depth)	4	3	4
Maximum Flood Depth (ft)	2.95	1.44	2.95
Length of Time Inundated (hrs)	N/A	128.75	N/A

Note: N/A values indicate the ponding never drained off.

Project Considerations: To achieve the proposed improvements, drainage easements across private properties will be required. The proposed system ties into existing TxDOT or City of Aransas Pass infrastructure. Therefore, coordination with and project approval by TxDOT or Aransas Pass will be required. Natural gas, oil, and wastewater pipelines may cause construction conflicts. Locations of utilities in the area should be confirmed during the design process to ensure no conflicts with the proposed drainage improvements. No permitting requirements are anticipated.

Planning Linkages: This section identifies potential areas of overlap and/or mutually beneficial projects recommended in this Plan and those described in the Previous Planning Efforts section at the beginning of this report.

- 2016 Comprehensive Master Plan (CMP):

  The CMP documented community concern about flooding in residential areas. The proposed drainage improvements at this site will help to address these community concerns, thus supporting the CMP.

- 2018 San Patricio County Hazard Mitigation Plan (HMP):

  There are no site-specific actions items in the HMP near the Mooney/Morgan Long-Term Ponding – Avenue A to Saunders Street drainage improvements. However, by improving drainage conditions, this project is helping to support action #7 for the City of Ingleside to implement feasible alternatives for flood reduction.

- 2020 Transportation Master Plan (TMP):

  Some of this project's drainage improvements will run along a road. If other roadway work is needed in the areas of proposed drainage improvements, it should be completed with the drainage project to the extent feasible to best use City resources.

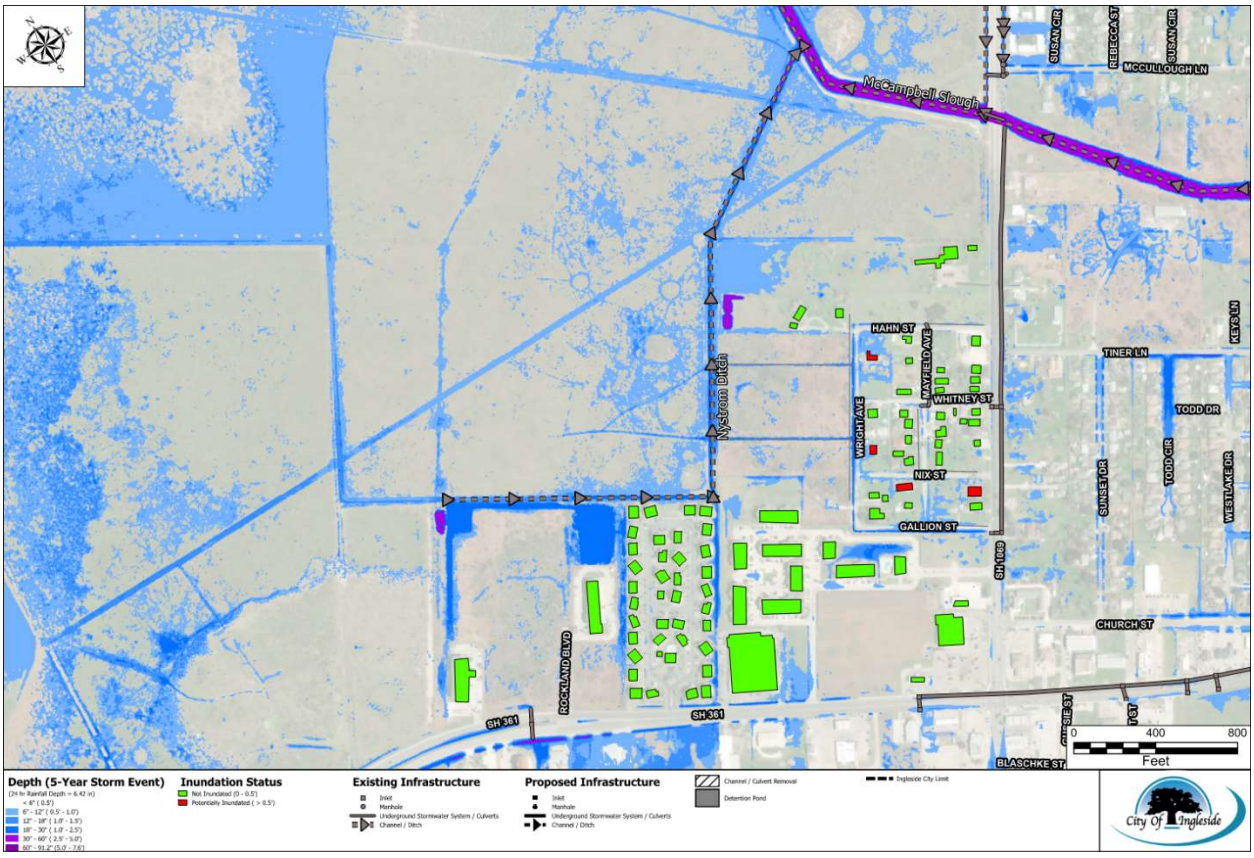
- 2021 Parks, Recreation and Open Space Master Plan (PROSMP):

  The proposed Mooney/Morgan Long-Term Ponding – Avenue A to Saunders Street drainage improvements are not near any existing or proposed parks or recreation amenities or facilities, so there are no strong plan linkages to the PROSMP.

2.3.1.5 Site 6: Nystrom Addition Drainage Improvements

Existing problem: Residential properties in the Nystrom Addition neighborhood are flooding during even small storm events. Additionally, the neighborhood streets (Gallion Street, Wright Avenue, Hahn Street, Whitney Street, Nix Street, and Mayfield Avenue) experience overtopping during storm events. Existing roadside ditches throughout the neighborhood do not have enough capacity to efficiently move flow to the two outfall ditches to the west (Wright Ditch (North) and Wright Ditch (South)), and the outfall ditches (Wright Ditch (North), Wright Ditch (South), and Nystrom Ditch) are also undersized. These instances of flooding can limit residents' ability to leave their homes during a flood event, pose a safety concern if emergency services are unable to safely access these residences, and can cause damage to pavement over time due to repeated inundation. The existing inundation extents are shown in **Figure 2-10** and in **Appendix B.5A**.

Figure 2-10: Nystrom Addition Drainage Improvements - Existing Conditions Flooding Extents

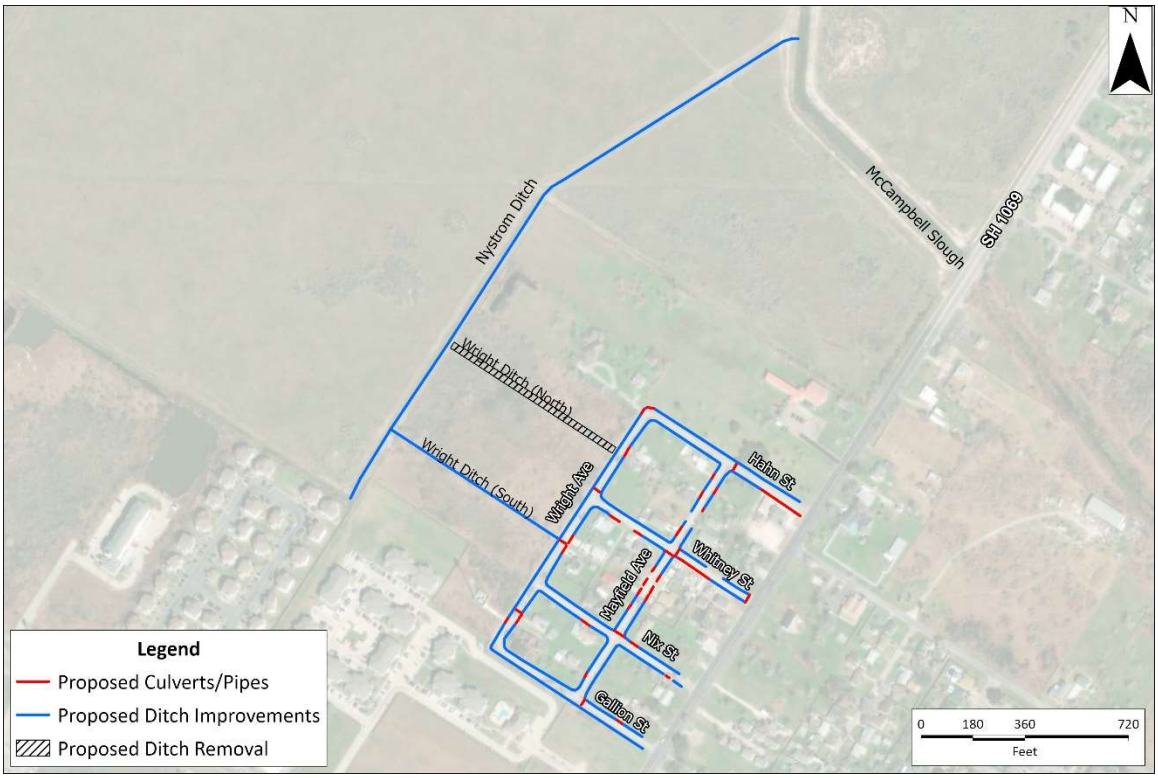


Note: Flooding extents based on existing land use conditions and the 5-year storm event.

Proposed Improvements: The existing Nystrom Ditch will be improved, the two Wright Ditches will be combined into a single ditch, and the neighborhood roadside ditches will be improved by regrading and the addition of culverts. Proposed improvements are shown in **Figure 2-11** and in **Appendix B.5B**.

- Regrade approximately 5,595 linear feet of grass-lined roadside ditches (3-foot bottom width) and 1,460 linear feet of grass-lined roadside ditch (4-foot bottom width) throughout the neighborhood.
- Improve the outfall ditches to the west of the neighborhood by consolidating the two smaller ditches (Wright Ditch (North) and Wright Ditch (South)) into one larger ditch with sufficient capacity to drain the neighborhood.
    - The entire Wright Ditch (North) will be filled for a total of 670 linear feet.
    - Wright Ditch (South) will be lowered by approximately 2 feet and widened (10-foot bottom width) for 696 linear feet.
- Farther west, the ditch running northeast (Nystrom Ditch) will also require improvements; 2,288 linear feet of Nystrom Ditch will be lowered by approximately 2 feet and widened from a V-shaped ditch (no defined bottom width) to a bottom width of 20 feet.
- All proposed ditches will have 3H:1V side slopes.
- To move flow from the neighborhood ditches to the larger ditches, nine culverts ranging in size from 15-inches to 24-inches will be added to allow stormwater to cross the neighborhood streets into the improved ditches. Driveway culvert improvements will also be required to achieve positive drainage within the neighborhood.

Figure 2-11: Nystrom Addition Drainage Improvements - Proposed Drainage Improvements



Summary of Results: Benefits stemming from the proposed improvements include reductions in the flood depth, a reduction in the inundated area, a reduction in the number of potentially inundated structures, a reduction in the length of unpassable road, and a reduction in the length of time inundation occurs. **Table 2-6** summarizes the modeling results for the Nystrom Addition neighborhood.

Table 2-6: Nystrom Addition Drainage Improvements - Summary of Results

Site 6: Nystrom Addition Drainage Improvements			
Criteria	**Existing Conditions (No Improvements)**	**Existing Conditions (With Improvements)**	**Future Buildout (No Improvements)**
5-yr Storm Event (6.42 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	38.1	27.9	72.2
Inundated Roadway (> 6" depth; LF)	356	297	956
Number of Potentially Inundated Structures (> 6" depth)	4	0	6
Maximum Flood Depth (ft)	0.83	0.62	1.05
Length of Time Inundated (hrs)	17.00	13.25	26.50
10-yr Storm Event (7.93 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	61.3	52.1	97.9
Inundated Roadway (> 6" depth; LF)	801	348	1,351
Number of Potentially Inundated Structures (> 6" depth)	6	2	8
Maximum Flood Depth (ft)	0.96	0.67	1.13
Length of Time Inundated (hrs)	22.75	21.25	31.00
25-yr Storm Event (10.20 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	99.2	95.1	129.7
Inundated Roadway (> 6" depth; LF)	1,520	437	1,847
Number of Potentially Inundated Structures (> 6" depth)	9	3	10
Maximum Flood Depth (ft)	1.06	0.76	1.17
Length of Time Inundated (hrs)	27.50	26.25	36.00
100-yr Storm Event (14.20 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	151.0	148.6	162.0
Inundated Roadway (> 6" depth; LF)	2,390	981	2,626
Number of Potentially Inundated Structures (> 6" depth)	20	6	23
Maximum Flood Depth (ft)	1.17	0.97	1.27
Length of Time Inundated (hrs)	33.00	31.75	41.25
500-yr Storm Event (19.80 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	177.7	175.6	184.2
Inundated Roadway (> 6" depth; LF)	3,295	2,438	3,926
Number of Potentially Inundated Structures (> 6" depth)	36	13	43
Maximum Flood Depth (ft)	1.65	1.63	1.86
Length of Time Inundated (hrs)	37.75	36.75	45.50

Project Considerations: To achieve the proposed improvements, a drainage easement for the Wright South Ditch will be required. City staff should also confirm that an appropriate drainage easement is in place for the Nystrom Ditch and that the proposed improvements can be constructed within the existing easement. Coordination with the SPCDD will be required for improvements being made at the connection of Nystrom Ditch into McCampbell Slough. Potential conflict of a natural gas line crossing the Nystrom Ditch may require further coordination between relevant parties. The locations of other utilities in the area should be confirmed during the design process to ensure there are no conflicts with the proposed drainage improvements. A USACE Nationwide Permit (NWP 7, 18, or 58) may be required for this project due to the project tie-in at McCampbell Slough and should be confirmed during final design. Phasing of this project should be considered starting with the most downstream portions of the project.

- Phase 1 – Nystrom Ditch improvements
- Phase 2 – Wright Ditch improvements
- Phase 3 – Nystrom Addition neighborhood improvements (roadside ditches and culverts)

Planning Linkages: This section identifies potential areas of overlap and/or mutually beneficial projects recommended in this Plan and those described in the Previous Planning Efforts section at the beginning of this report.

- 2016 Comprehensive Master Plan (CMP):
  Although this site is not directly mentioned in the CMP, the proposed improvements do help to address the community concerns noted in the CMP about flooding in residential areas.

- 2018 San Patricio County Hazard Mitigation Plan (HMP):
  There are no site-specific actions items in the HMP near the Nystrom Addition drainage improvements. However, by increasing the capacity of drainage infrastructure in the neighborhood, the improvements support proposed action #6 for the City of Ingleside to upgrade undersized storm water drains to improve drainage, reduce flooding, and reduce flood damages to structures and infrastructure.

- 2020 Transportation Master Plan (TMP):

  The Thoroughfare Plan in the TMP identifies a proposed minor collector running generally parallel to the McCampbell Slough. It will be important to ensure that the future road does not impede any of the proposed drainage improvements. Additionally, as with other proposed drainage projects along roads, if any roadway work is needed in the areas of proposed drainage improvements, the TMP policies recommend combining it with the drainage project to the extent feasible to best use City resources.

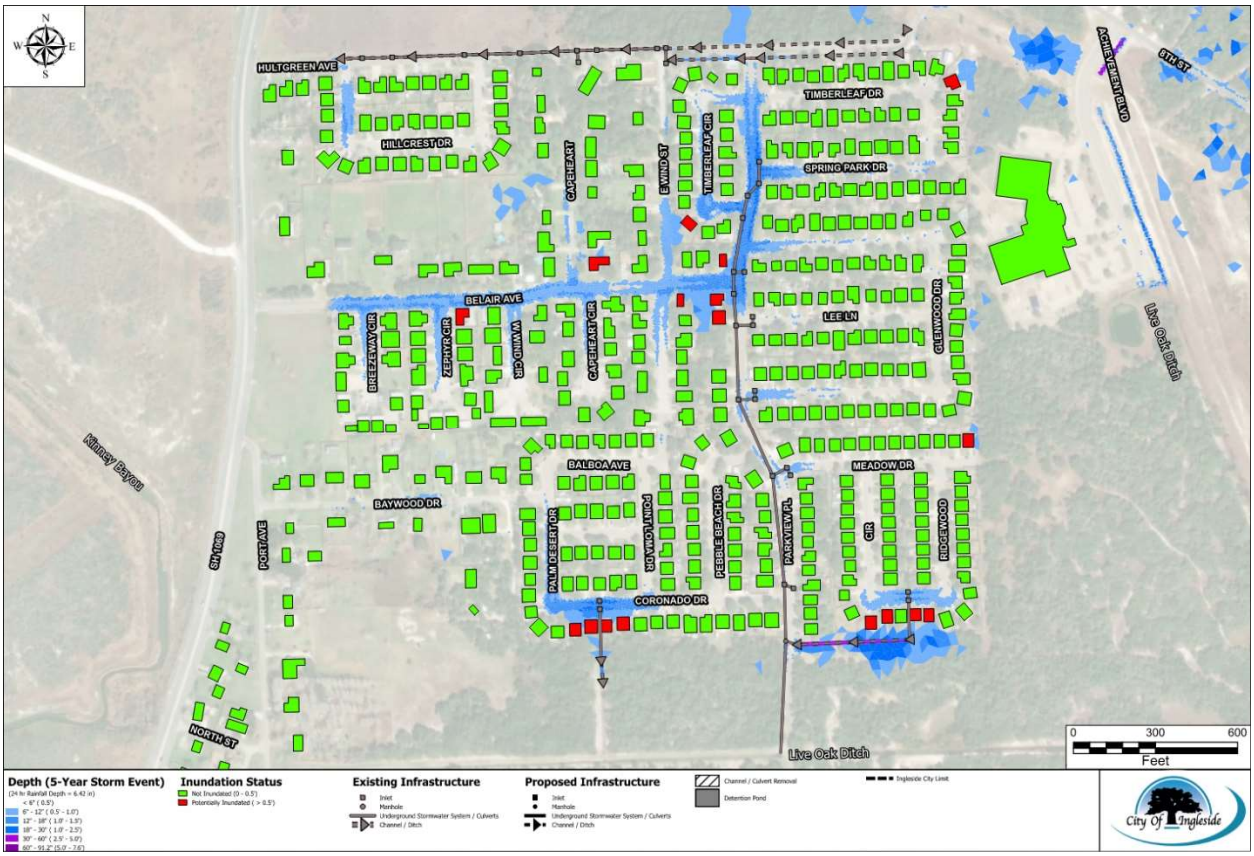
- 2021 Parks, Recreation and Open Space Master Plan (PROSMP):

  The proposed Nystrom Addition drainage improvements are not near any existing or proposed parks or recreation amenities or facilities, so there are no strong plan linkages to the PROSMP.

2.3.1.6 Site 7: Parkside Terrace Subdivision Drainage Improvements

Existing problem: Residential properties in the Parkside Terrace Subdivision are flooding during even minor storm events. Additionally, the neighborhood streets, namely Coronado Drive, Ridgewood Circle, Parkview Place, Belair Avenue, and Timberleaf Circle, experience overtopping during small storm events. The existing storm drain infrastructure does not have enough capacity to efficiently move flow south to Live Oak Ditch and more inlets are needed to capture flow. These instances of flooding can limit residents' ability to leave their homes during a flood event, pose a safety concern if emergency services are unable to safely access these residences, and can cause damage to pavement over time due to repeated inundation. The existing inundation extents are shown in **Figure 2-12** and in **Appendix B.6A**.

Figure 2-12: Parkside Terrace Subdivision Drainage Improvements - Existing Conditions Flooding Extents



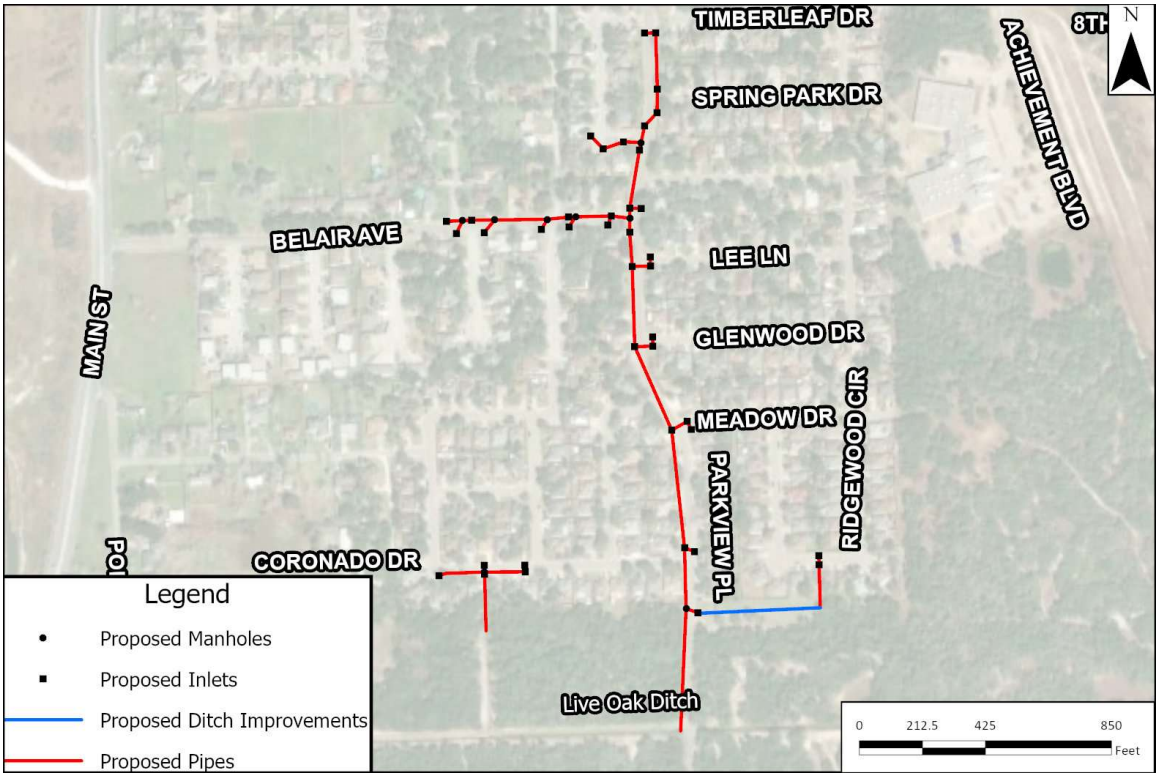
Note: Flooding extents based on existing land use conditions and the 5-year storm event.

Proposed Improvements: Improvements in this area are already being constructed on Hultgreen Avenue and have been incorporated in the existing conditions model. Since a project has already been developed for the northern portion of the subdivision, the project developed for this DMP focused on improvements in the middle and southern portions of the subdivision. Proposed improvements include upsizing and extending the main trunk line on Parkview Place, extending lateral lines on Belair Avenue and Timberleaf Drive, and upsizing the systems on Coronado Street and Ridgewood Circle. Proposed improvements are shown in **Figure 2-13** and in **Appendix B.6B.**

- Extending the main trunk line north on Parkview Place by approximately 190 feet. The main trunk line would be upsized to 4’ x 3’ to 6’ x 3’ RCBs.
- Adding 620 feet of new 36-inch to 48-inch RCP lateral line to the west on Belair Avenue.
- Adding 190 feet of new 36-inch lateral line to the west on Timberleaf Avenue.

- New 10-ft curb inlets will be installed along each street where improvements are being made.
- Approximately 290 feet of 3.5’ x 2’ RCB would be added on Coronado Street along with upsizing the existing pipes to be 3.5 x 2’ RCB.
- The existing pipes on Ridgewood Circle would also be upsized to 3.5’ x 2’ RCB.
- Ditch improvements would be made to the ditch south of Ridgewood Circle which flows west to the stormwater system on Parkview Place. The ditch would be deepened by approximately 1.5 feet to allow more capacity for water flowing to it and give the proposed system flowing south from Ridgewood Circle a steeper slope.

Figure 2-13: Parkside Terrace Subdivision Drainage Improvements - Proposed Drainage Improvements



Summary of Results: Benefits stemming from the proposed improvements include reductions in the flood depth, a reduction in the inundated area, a reduction in the number of potentially inundated structures, a reduction in the length of unpassable road, and a reduction in the length of time inundation occurs. **Table 2-7** summarizes the modeling results for the Parkview Place neighborhood.

Table 2-7: Parkside Terrace Subdivision Drainage Improvements - Summary of Results

Site 7: Parkside Terrace Subdivision Drainage Improvements			
Criteria	**Existing Conditions (No Improvements)**	**Existing Conditions (With Improvements)**	**Future Buildout (No Improvements)**
5-yr Storm Event (6.42 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	9.8	6.5	10.5
Inundated Roadway (> 6" depth; LF)	5,655	4,253	5,797
Number of Potentially Inundated Structures (> 6" depth)	17	4	20
Maximum Flood Depth (ft)	1.70	1.30	1.70
Length of Time Inundated (hrs)	3.25	0.93	3.3
10-yr Storm Event (7.93 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	12.0	8.2	12.5
Inundated Roadway (> 6" depth; LF)	6,878	5,086	6,926
Number of Potentially Inundated Structures (> 6" depth)	25	7	22
Maximum Flood Depth (ft)	1.8	1.6	1.8
Length of Time Inundated (hrs)	5.35	1.20	5.42
25-yr Storm Event (10.20 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	15.0	11.6	15.3
Inundated Roadway (> 6" depth; LF)	8,247	6,731	8,256
Number of Potentially Inundated Structures (> 6" depth)	32	19	32
Maximum Flood Depth (ft)	2	1.8	2
Length of Time Inundated (hrs)	8.35	2.13	8.55
100-yr Storm Event (14.20 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	18.7	16.3	19.7
Inundated Roadway (> 6" depth; LF)	10,014	8,877	10,049
Number of Potentially Inundated Structures (> 6" depth)	39	28	44
Maximum Flood Depth (ft)	2.1	2	2.2
Length of Time Inundated (hrs)		3.77	
500-yr Storm Event (19.80 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	24.3	21.7	24.6
Inundated Roadway (> 6" depth; LF)	11,469	10,723	11,521
Number of Potentially Inundated Structures (> 6" depth)	58	45	57
Maximum Flood Depth (ft)	2.3	2.2	2.4
Length of Time Inundated (hrs)	12.9	6.6	16.72

Project Considerations: The Site 10 (Live Oak Ditch) proposed improvements should be implemented prior to these Site 7 (Parkside Terrace) improvements for maximum benefit of the Site 7 project. If the Site 7 project is constructed prior to the Site 10 project, a lower level of benefit will be realized until the Site 10 improvements are implemented. No drainage easements are anticipated for this project, but existing easements should be confirmed during final design to verify no additional drainage easements or ROW will be required. Existing water and wastewater lines, including wastewater force mains, may cause potential conflicts during construction. Locations of other utilities in the area should be confirmed during the design process to ensure there are no conflicts with the proposed drainage improvements. No permitting requirements are anticipated. Phasing of this project could be considered since there are three distinct pipe networks that drain the Parkside Terrace Subdivision. These could be implemented in any order.

- Phase 1 – Coronado Drive Improvements
- Phase 2 – Parkview Place Improvements
- Phase 3 – Ridgewood Circle Improvements

Planning Linkages: This section identifies potential areas of overlap and/or mutually beneficial projects recommended in this Plan and those described in the Previous Planning Efforts section at the beginning of this report.

- 2016 Comprehensive Master Plan (CMP):

  The CMP doesn't recommend any specific drainage improvements in the Parkside Terrace Subdivision but identifies drainage as a City-wide concern. The proposed Parkside Terrace Subdivision improvements will help to reduce current flooding issues within the subdivision, thus working to address the concerns identified in the CMP.

- 2018 San Patricio County Hazard Mitigation Plan (HMP):

  Although there are no projects in the HMP that are specific to the Parkside Terrace Subdivision, there are multiple City-wide action items that address drainage and flooding for the entire City. The proposed improvements to the Parkside Terrace Subdivision support proposed City of Ingleside action #6 in the HMP for the City to upgrade undersized stormwater drains to improve drainage and reduce flooding.

- 2020 Transportation Master Plan (TMP):

  The recommended maintenance program in the TMP calls for pairing transportation improvements with other utility improvements. Most proposed improvements in the Parkside Terrace Subdivision run along roads. These improvements will reduce the extent of unpassable roads during flood conditions as well as help to maintain the quality of pavement by reducing the inundation time during and after storm events. If other roadway work is needed in the areas of proposed drainage improvements, it should be completed with the drainage project to the extent feasible to best use City resources.

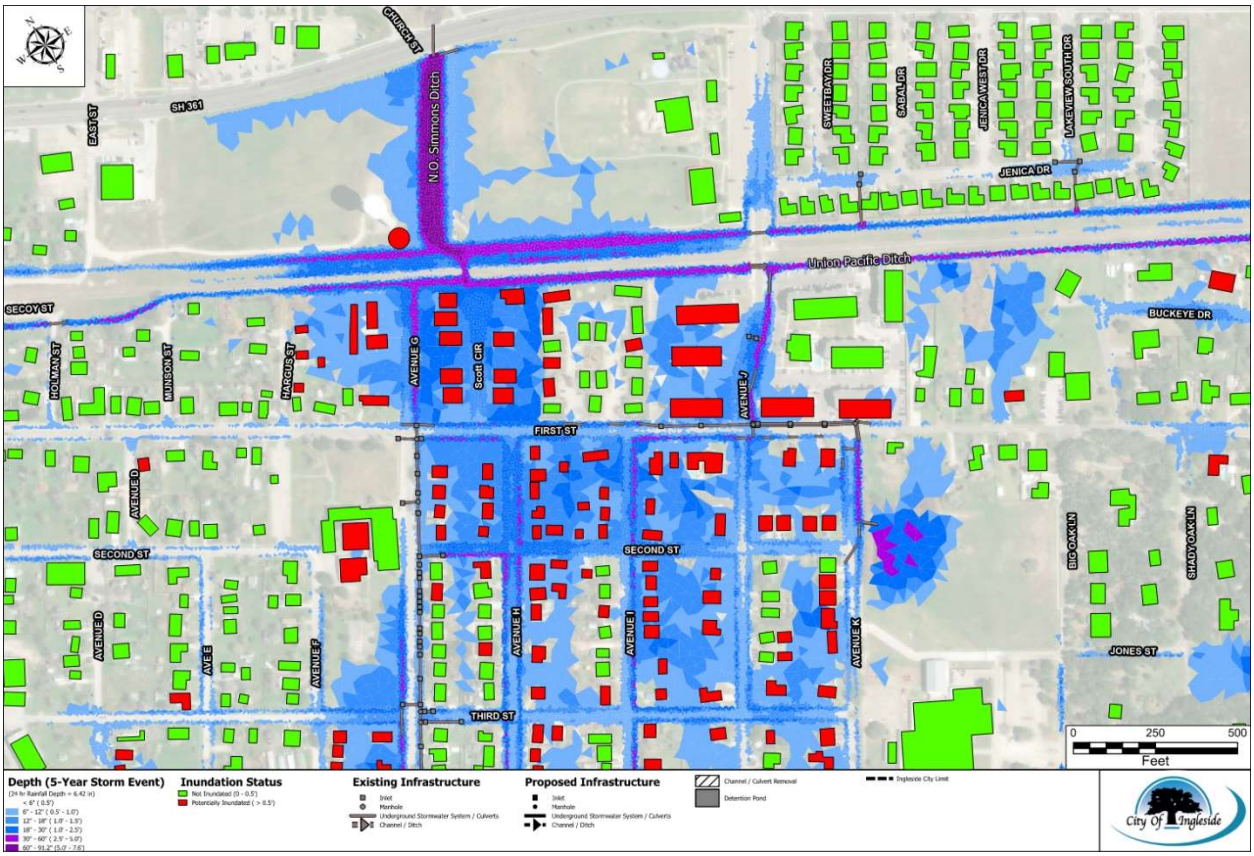
- 2021 Parks, Recreation and Open Space Master Plan (PROSMP):

  The Parkside Terrace Subdivision is located north of Live Oak Park. The PROSMP identified the sidewalks along Parkview Place as part of the citywide trail/pedestrian corridor network to provide pedestrian access to and through Live Oak Park. If feasible and sufficient right-of-way is available, the City should consider improving and/or widening the sidewalks along Parkview Place at the time of construction of the Parkside Terrace Subdivision drainage improvements to best leverage City resources and implement DMP and PROSMP recommendations during the same project.

2.3.1.7 Site 8: Villanova Place Drainage Improvements

Existing problem: Houses within the Villanova Place neighborhood are flooding heavily during small storm events. Additionally, the neighborhood streets (First Street, Second Street, Third Street, Avenue H, Avenue I, Avenue J, and Avenue K) experience overtopping during even minor storm events. Existing stormwater infrastructure throughout the neighborhood does not have enough capacity to efficiently move flow to the outfalls, and there isn't enough capacity at current neighborhood outfalls to hold the amount of water that is ponding. The neighborhood is located in an area of low topography and is inundated by stormwater overflow from the Ave G stormwater system as well as from flow which overtops Ave J. These instances of flooding can limit residents' ability to leave their homes during a flood event, poses a safety concern if emergency services are unable to safely access these residences, and can cause damage to pavement over time due to repeated inundation. The existing inundation extents are shown in **Figure 2-14** and in **Appendix B.7A**.

Figure 2-14: Villanova Place Drainage Improvements - Existing Conditions Flooding Extents



Note: Flooding extents based on existing land use conditions and the 5-year storm event.

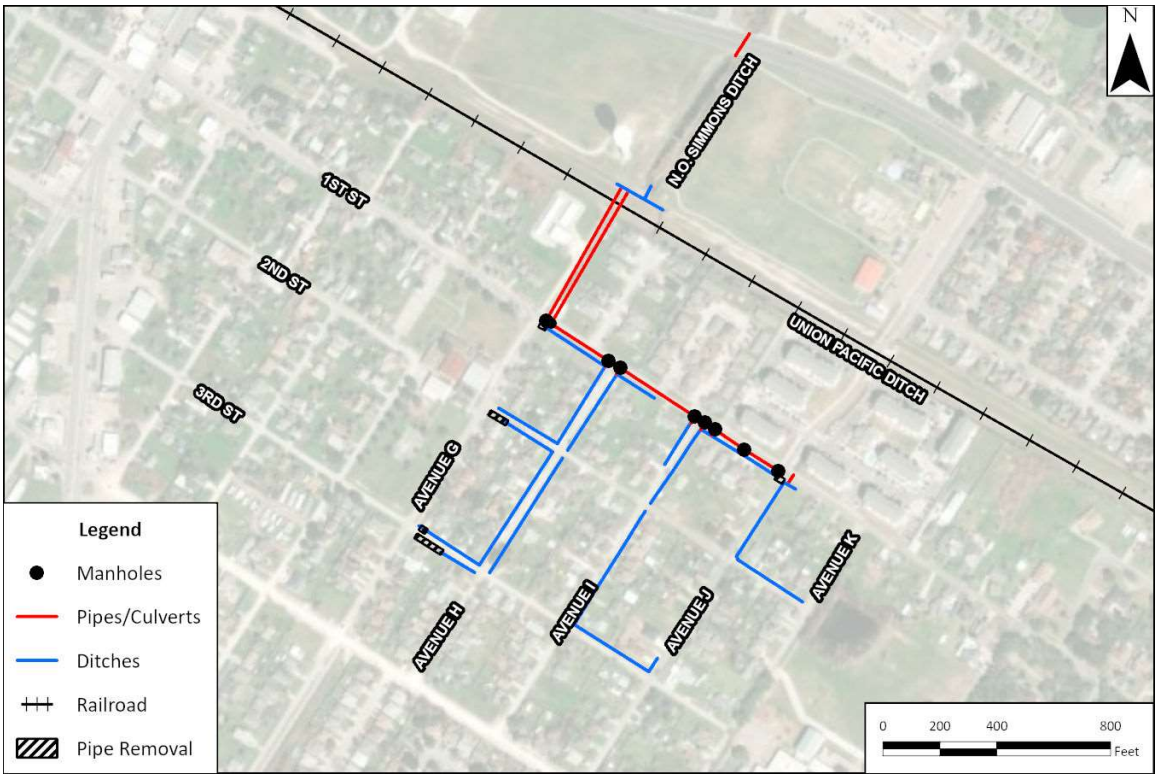
Proposed Improvements: Proposed improvements include the regrading of neighborhood ditches along Avenue H, Avenue I, Avenue J, and sections of First Street, Second Street, and Third Street along with the creation of two new outfalls north of the Union Pacific Railroad. Proposed improvements are shown in **Figure 2-15** and in **Appendix B.7B**.

- Approximately 795 linear feet of roadside ditches would be regraded on each side of Avenue H, starting at 3rd Street, and flowing north up to 1st Street.
- Avenue I will have 785 linear feet of roadside ditch regraded on the east side of the street starting at 3rd Street and flowing north to 1st Street and 175 linear feet added on the west side of the road, mid-way between 2nd and 1st Street, ending at 1st Street.
- Approximately 250 linear feet of roadside ditches will be added on the north side of 3rd Street and 140 linear feet on the south side of the road, flowing east to the ditches on Avenue H.

- Approximately 240 linear feet of roadside ditches will be added on the north side of 2nd street and 200 linear feet added on the south side of the street, flowing east to the ditches on Avenue H.
- Approximately 55 linear feet of roadside ditches on Avenue J will be regraded to flow south to connect to 310 linear feet of regraded ditch flowing west on 3rd Street, which will connect to the regraded roadside ditch on Avenue I.
- Approximately 280 linear feet of roadside ditch will be regraded to flow west on Second Street from Avenue K to Avenue J, and then flow north on Avenue J for 310 linear feet until it reaches First Street. A new 10' x 2' lateral will replace the existing 15" RCP and connect this newly regraded ditch to the existing trunkline on First Street, which outfalls into the Avenue J ditch near the Parc apartments and flows north to the Union Pacific Railroad Ditch.
- 24" RCPs will be added for street crossings and driveway culverts where necessary.
- A proposed new trunkline will be installed under First Street running west from Avenue J to avenue G, where it will turn north and run under the railroad to outfall into the north railroad ditch.
    - Seven 24" RCP laterals will connect the First Street south roadside ditches to the main trunkline between Avenue J and Avenue G.
    - The main trunkline will range in size from 7' x 2.5' RCB at the upstream end to two, 7' x 2' RCB at the downstream end.
- Roadside ditches on the south side of First Street will be regraded as follows:
    - 250 linear feet of roadside ditch will flow east from Avenue G to Avenue H to a new 24" lateral which connects to the new First Street trunkline.
    - 150 linear feet will flow west from mid-way between Avenue I and Avenue H to a new 24" lateral which connects to the new First Street trunkline.
    - 315 linear feet will flow west from Avenue J to Avenue I to new 24" laterals which connect to the new First Street trunkline.
    - 50 linear feet will flow west from the east side of Avenue J to the new 10' x 2' RCB lateral drains to the existing First Street trunkline.

- An additional proposed 6’ x 2’ RCB will be added to the existing system on Avenue G and will outfall north under the railroad into the north railroad ditch. The purpose of this proposed pipe is to provide a controlled outlet for the existing system on Avenue G to backflow when overwhelmed instead of overtopping and spilling into the neighborhood.
- Additional grading will be done at the north railroad ditch outfalls to provide lower elevations, more capacity, and a better connection to the N.O. Simmons Ditch.
- To provide some relief to the existing system on Avenue G, existing laterals will be removed to allow water to instead flow into the proposed ditches and new First Street system. Two, 24” RCPs will be removed on First Street; one, 24” RCP will be removed on Second Street; and one, 24” RCP and one, 15” RCP will be removed at Third Street.
- An existing 15” RCP will be removed from 1st Street where it connects flow from the west side of Avenue J to the east side of Avenue J. This will be removed to keep water from flowing to and overwhelming the existing system that runs north up Avenue J, and instead directs the flow into the proposed system.
- Finally, the outfall pipe that crosses under SH 361 will be upsized from four, 7’ x 3’ boxes to five, 10’ x 5’ boxes. This will allow more flow to cross under the highway instead of building up and overtopping the N.O. Simmons Dirch and the upstream systems.

Figure 2-15: Villanova Place Drainage Improvements - Proposed Drainage Improvements



Summary of Results: Benefits stemming from the proposed improvements include a reduction in the flood depth, a reduction in the inundated area, a reduction in the number of potentially inundated structures, a reduction in the length of unpassable road, and a reduction in the length of time inundation occurs. **Table 2-8** summarizes the modeling results for the Villanova Place neighborhood.

Table 2-8: Villanova Place Drainage Improvements - Summary of Results

Site 8: Villanova Place Drainage Improvements			
Criteria	**Existing Conditions (No Improvements)**	**Existing Conditions (With Improvements)**	**Future Buildout (No Improvements)**
5-yr Storm Event (6.42 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	73.3	55.6	87.1
Inundated Roadway (> 6" depth; LF)	15,150	13,458	17,611
Number of Potentially Inundated Structures (> 6" depth)	180	147	213
Maximum Flood Depth (ft)	2.40	1.70	2.60
Length of Time Inundated (hrs)	13.20	7.60	
10-yr Storm Event (7.93 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	90.1	80.4	103.3
Inundated Roadway (> 6" depth; LF)	18,456	18,030	20,165
Number of Potentially Inundated Structures (> 6" depth)	220	207	250
Maximum Flood Depth (ft)	2.7	2.3	2.8
Length of Time Inundated (hrs)	18.72	11.37	
25-yr Storm Event (10.20 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	115.0	103.2	120.4
Inundated Roadway (> 6" depth; LF)	22,138	22,124	22,933
Number of Potentially Inundated Structures (> 6" depth)	281	266	292
Maximum Flood Depth (ft)	3	2.9	3.1
Length of Time Inundated (hrs)	25.78		
100-yr Storm Event (14.20 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	134.3	130.1	138.2
Inundated Roadway (> 6" depth; LF)	24,893	24,979	25,049
Number of Potentially Inundated Structures (> 6" depth)	320	326	334
Maximum Flood Depth (ft)	3.4	3.3	3.4
Length of Time Inundated (hrs)			
500-yr Storm Event (19.80 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	150.3		151.9
Inundated Roadway (> 6" depth; LF)	26,612		26,634
Number of Potentially Inundated Structures (> 6" depth)	351		361
Maximum Flood Depth (ft)	3.8	3.7	3.8
Length of Time Inundated (hrs)		29.15	

Project Considerations: To achieve the proposed improvements, a drainage easement with the Union Pacific Railroad will be required. Coordination with and project approval by TxDOT for the proposed structures under SH 361 will be required to achieve the proposed project. The availability of existing ROW or drainage easements should be confirmed during final design. Existing water and wastewater lines, including a wastewater force main, may cause potential conflicts during construction. The locations of other utilities in the area should be confirmed during the design process to ensure there are no conflicts with the proposed drainage improvements. No permitting requirements are anticipated. The phasing of this project should be considered starting with the most downstream portions of the project.

- Phase 1 – Culvert Improvements Under SH 361
- Phase 2 – Avenue G and First Street Underground System Additions
- Phase 3 – Neighborhood Ditch Improvements and Culvert Removals

Planning Linkages: This section identifies potential areas of overlap and/or mutually beneficial projects recommended in this Plan and those described in the Previous Planning Efforts section at the beginning of this report.

- 2016 Comprehensive Master Plan (CMP):
  The CMP doesn't recommend any specific drainage improvements in the Villanova Place neighborhood but identifies drainage as a City-wide concern. The proposed Villanova Place drainage improvements will help to reduce current flooding issues within the neighborhood, thus working to address the concerns identified in the CMP.

- 2018 San Patricio County Hazard Mitigation Plan (HMP):
  There are no site-specific actions items in the HMP near the Villanova Place neighborhood. However, by improving drainage and reducing flooding impacts in the neighborhood, the improvements support proposed City of Ingleside action #6 in the HMP for the City to upgrade undersized stormwater drains to improve drainage, reduce flooding, and reduce flood damages to structures and infrastructure.

- 2020 Transportation Master Plan (TMP):
  Much of the drainage improvements proposed in the Villanova Place neighborhood run parallel to roads. Per policy in the TMP, any road improvement projects also needed in

the areas of proposed drainage improvements should be completed at the same time to best leverage City resources.

- 2021 Parks, Recreation and Open Space Master Plan (PROSMP):

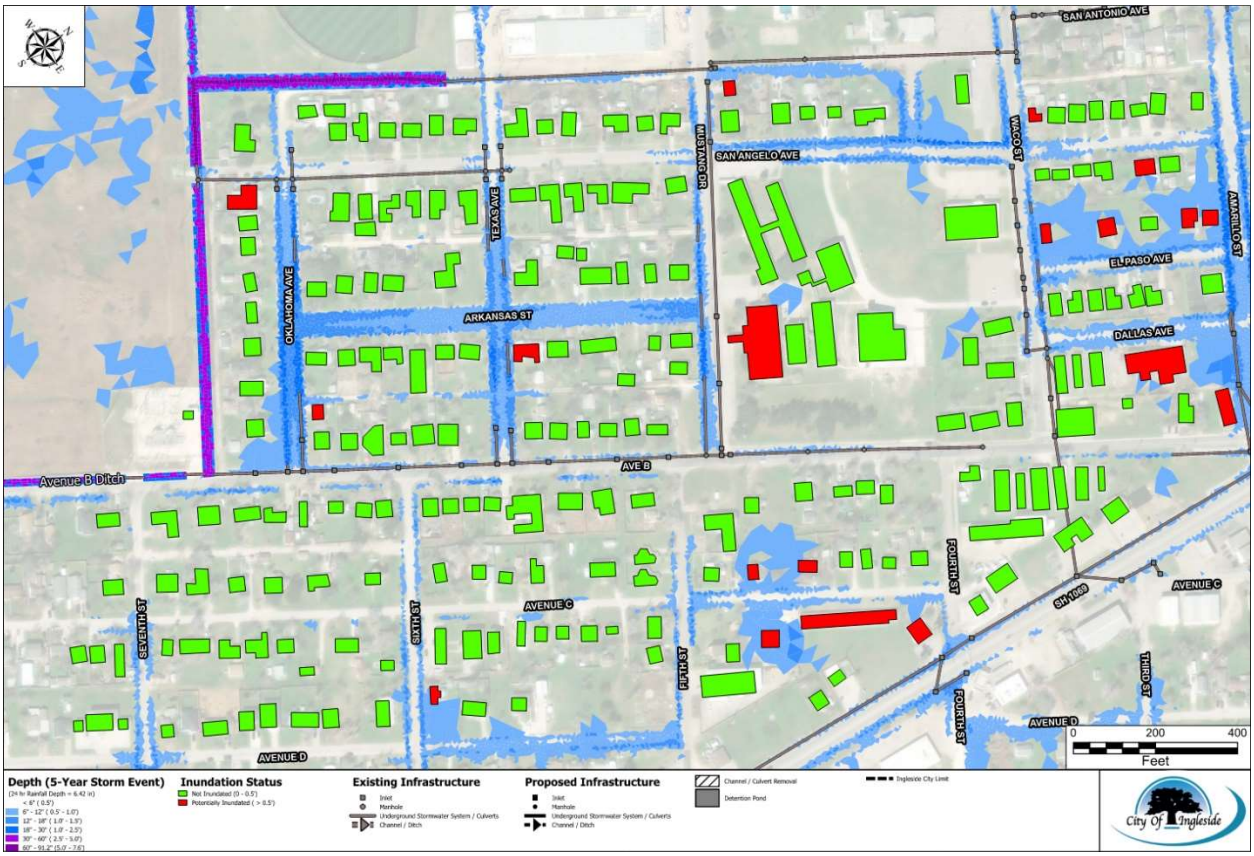
  The proposed drainage infrastructure includes new outfalls on the north side of the Union Pacific Railroad near a drainage channel. This channel is at the northwest end of one of the City's most heavily programmed parks, N.O. Simmons Park. There is also a well-used trail around the perimeter of the park. As long as the trail remains usable, there shouldn't be any concerns about the proposed drainage improvements. There are no other strong linkages to the PROSMP.

  - The PROSMP recommended updating the pedestrian bridge that crosses the N.O. Simmons Ditch. Bridge replacement should be considered as part of the drainage project.

2.3.1.8 Site 9: Humble Addition and Avenue B Drainage Improvements

Existing problem: Residential properties in the Humble Addition are experiencing inundation throughout the neighborhood and local streets. Additionally, the neighborhood streets (Oklahoma Avenue, Texas Avenue, Arkansas Street, and Waco Street) experience overtopping during even minor storm events. Existing roadside ditches throughout the neighborhood do not have enough capacity to efficiently move flow to stormwater pipes, resulting in ponding within the streets and flooding of homes. CCTV inspection of the existing pipes also showed several locations of damage or debris in the pipes which is limiting the capacity of the pipes. These instances of flooding can limit residents' ability to leave their homes during a flood event, poses a safety concern if emergency services are unable to safely access these residences, and can cause damage to pavement over time due to repeated inundation. There are also three schools located within or adjacent to the Humble Addition neighborhood. Reducing flood extents will provide a safer route to the schools for children that live in the neighborhood, or who cross through the neighborhood to get to school. The existing inundation extents are shown in **Figure 2-16** and in **Appendix B.8A**.

Figure 2-16: Humble Addition and Avenue B Drainage Improvements - Existing Conditions Flooding Extents



Note: Flooding extents based on existing land use conditions and the 5-year storm event.

Proposed Improvements: The main trunkline on Avenue B will be upsized, lateral lines on the side streets will be upsized and/or extended, and roadside ditches will be regraded for better connection to the Avenue B trunkline. Proposed improvements are shown in **Figure 2-17** and in **Appendix B.8B**.

- The existing trunkline along Avenue B will be removed and new pipes will be installed ranging in size from 36-inch RCP at the most upstream end to a 6' x 3' RCB at the downstream end.
- Laterals on the north side of Oklahoma Drive will be extended by 125 feet, and upsized to RCPs ranging in size from 24-inch RCP to 36-inch RCP.
- Laterals on both sides of Texas Avenue will be extended by 75 feet, and upsized to 36-inch RCPs.

- Ditches on 5th Street, 6th Street, and 7th Street will be regraded to flow west into the Avenue B trunkline, and 18-inch RCP culverts will be added crossing Avenue B to connect the ditches to the main system. The roadside ditch along the east side of Avenue B will also be regraded to these new culverts.

- Ditches will also be regraded along both sides of Oklahoma Avenue, Texas Avenue, Mustang Drive, and the north side of Waco Street. Driveway culverts will be added or upsized where necessary to provide adequate capacity for water flowing through the ditches.

    - The ditches on Oklahoma Avenue will flow northwest into an existing system on San Angelo and southeast into the Avenue B system.

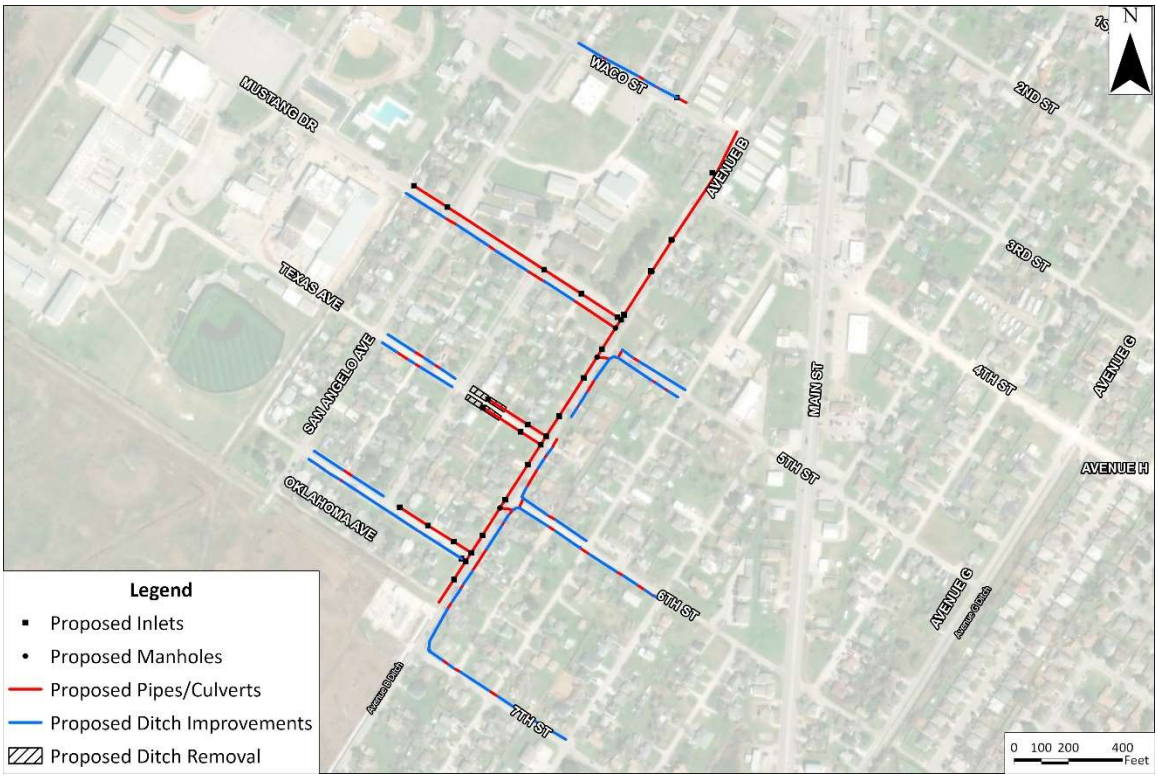
    - Texas Avenue will flow northwest into the existing system on San Angelo.

    - Mustang Drive will flow southeast into the Avenue B system.

    - The ditches on Waco Street will flow southeast to an existing underground stormwater system that runs east along Waco Street and connects to the Main Street system.

- A connection will be made from the existing Waco Street system to the new Avenue B system so water from Waco Street can flow into the Avenue B system or the Main Street system, which it is currently connected to, as system capacity is available.

Figure 2-17: Humble Addition and Avenue B Drainage Improvements - Proposed Drainage Improvements



Summary of Results: Benefits stemming from the proposed improvements include reductions in the flood depth and inundated area, a reduction in the number of potentially inundated structures, a reduction in the length of unpassable road, and a small reduction in the length of time inundation occurs. **Table 2-9** summarizes the modeling results for the Humble Addition neighborhood.

Table 2-9: Humble Addition and Avenue B Drainage Improvements - Summary of Results

Site 9: Humble Addition and Avenue B Drainage Improvements			
Criteria	**Existing Conditions (No Improvements)**	**Existing Conditions (With Improvements)**	**Future Buildout (No Improvements)**
5-yr Storm Event (6.42 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	13.9	12.3	15.2
Inundated Roadway (> 6" depth; LF)	3,867	2,940	4,410
Number of Potentially Inundated Structures (> 6" depth)	19	16	26
Maximum Flood Depth (ft)	1.50	1.20	1.60
Length of Time Inundated (hrs)	4.95	4.32	6.65
10-yr Storm Event (7.93 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	18.8	17.5	20.1
Inundated Roadway (> 6" depth; LF)	5,600	5,159	6,088
Number of Potentially Inundated Structures (> 6" depth)	34	27	40
Maximum Flood Depth (ft)	1.8	1.7	1.9
Length of Time Inundated (hrs)	7.18	5.75	12.93
25-yr Storm Event (10.20 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	25.5	24.7	26.3
Inundated Roadway (> 6" depth; LF)	7,458	7,248	7,759
Number of Potentially Inundated Structures (> 6" depth)	56	55	64
Maximum Flood Depth (ft)	2	1.9	2
Length of Time Inundated (hrs)	8.72	6.05	9.2
100-yr Storm Event (14.20 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	33.6	32.9	35.0
Inundated Roadway (> 6" depth; LF)	9,527	9,287	9,835
Number of Potentially Inundated Structures (> 6" depth)	80	80	89
Maximum Flood Depth (ft)	2.2	2.1	2.4
Length of Time Inundated (hrs)	10.15	8.38	12.78
500-yr Storm Event (19.80 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	44.0	43.5	46.0
Inundated Roadway (> 6" depth; LF)	11,212	11,204	11,811
Number of Potentially Inundated Structures (> 6" depth)	108	109	111
Maximum Flood Depth (ft)	2.3	2.2	2.3
Length of Time Inundated (hrs)			

Project Considerations: For the proposed improvements to continue to be beneficial for the neighborhood, any future development that will outfall into the Avenue B Ditch should be required to detain stormwater on site and release it at a rate equal to or less than existing conditions. If development is allowed to occur to the future buildout conditions anticipated in the Future Land Use Plan without limiting stormwater runoff, the Avenue B Ditch becomes overburdened, and the proposed Humble Addition and Avenue B Drainage Improvements become ineffective. Existing water and wastewater lines may cause potential conflicts during construction. Locations of other utilities in the area should be confirmed during the design process to ensure there are no conflicts with the proposed drainage improvements. No permitting requirements are anticipated.

Planning Linkages: This section identifies potential areas of overlap and/or mutually beneficial projects recommended in this Plan and those described in the Previous Planning Efforts section at the beginning of this report.

- 2016 Comprehensive Master Plan (CMP):

  The CMP highlights a need for improved flood control measures and includes infrastructure policies to implement varying methods for stormwater drainage management. While there are no specific projects recommended in the CMP, the proposed Humble Addition and Avenue B drainage improvements help to implement the CMP's high-level policies and address community concern about flooding in residential areas.

- 2018 San Patricio County Hazard Mitigation Plan (HMP):

  City of Ingleside action #12 in the HMP recommends implementation of Avenue B drainage project improvements to reduce the risk of flood damage to structures and infrastructure an improve emergency access to neighborhoods. The HMP notes that this project is a key component of down-stream drainage improvements for the older neighborhoods in the City and that residences in the area were blocked by high water during Hurricane Harvey. The proposed Humble Addition and Avenue B drainage improvements have strong plan linkages to the HMP.

- 2020 Transportation Master Plan (TMP):

  The TMP recommends combining street and utility projects whenever possible. All of the proposed drainage improvements in this project run parallel to roads. If any road improvement projects are also needed in the areas of proposed drainage improvements, they should be completed at the same time to best leverage City resources.

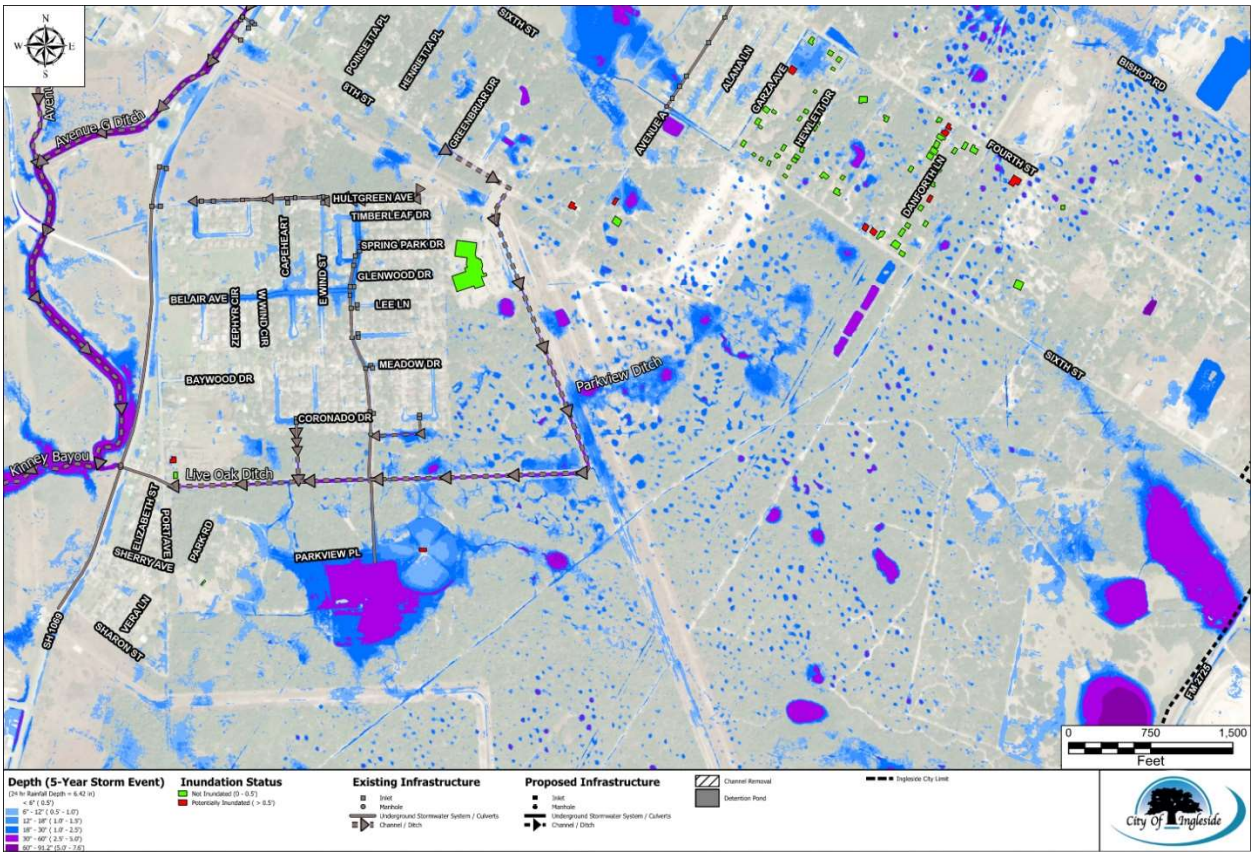
- 2021 Parks, Recreation and Open Space Master Plan (PROSMP):

  The proposed Humble Addition and Avenue B drainage improvements are located east of Faith Park. The PROSMP identified the sidewalks along Avenue B and Mustang Drive as part of the citywide trail/pedestrian corridor network to provide pedestrian access to Faith Park. If feasible and sufficient right-of-way is available, the City should consider improving and/or widening the sidewalks along Avenue B and Mustang Drive at the time of construction of the Humble Addition and Avenue B drainage improvements. This will best leverage City resources and implement DMP and PROSMP recommendations during the same project.

2.3.1.9 Site 10: Live Oak Ditch

Existing problem: Live Oak Ditch has low points along the channel banks that are overtopped during all modeled storm events. The overtopping is mostly occurring in the ditch section upstream of Parkview Place Road. This is likely due to restricted flow through the culverts under Parkview Place and the outfall culvert into Kinney Bayou under North Street and Main Street (FM 1069). Runoff from the east of the channel is not able to enter since the culverts are restricting flow and causing water surface elevations to increase in the upstream section of the channel. Additionally, residential development is anticipated east of Achievement Boulevard, and will drain into Live Oak Ditch. Future development pressure on the existing system will increase flooding depth and extents, and result in flooding problems to existing and future homes and residents. The existing inundation extents are shown in **Figure 2-18** and in **Appendix B.9A**.

Figure 2-18: Live Oak Ditch - Existing Conditions Flooding Extents



Note: Flooding extents based on existing land use conditions and the 5-year storm event.

Proposed Improvements: Regrade and widen Live Oak Ditch, install a larger outfall structure for the Live Oak Ditch, and add a new Parkview Ditch for future development. Proposed improvements are shown in **Figure 2-19** and in **Appendix B.9B**.

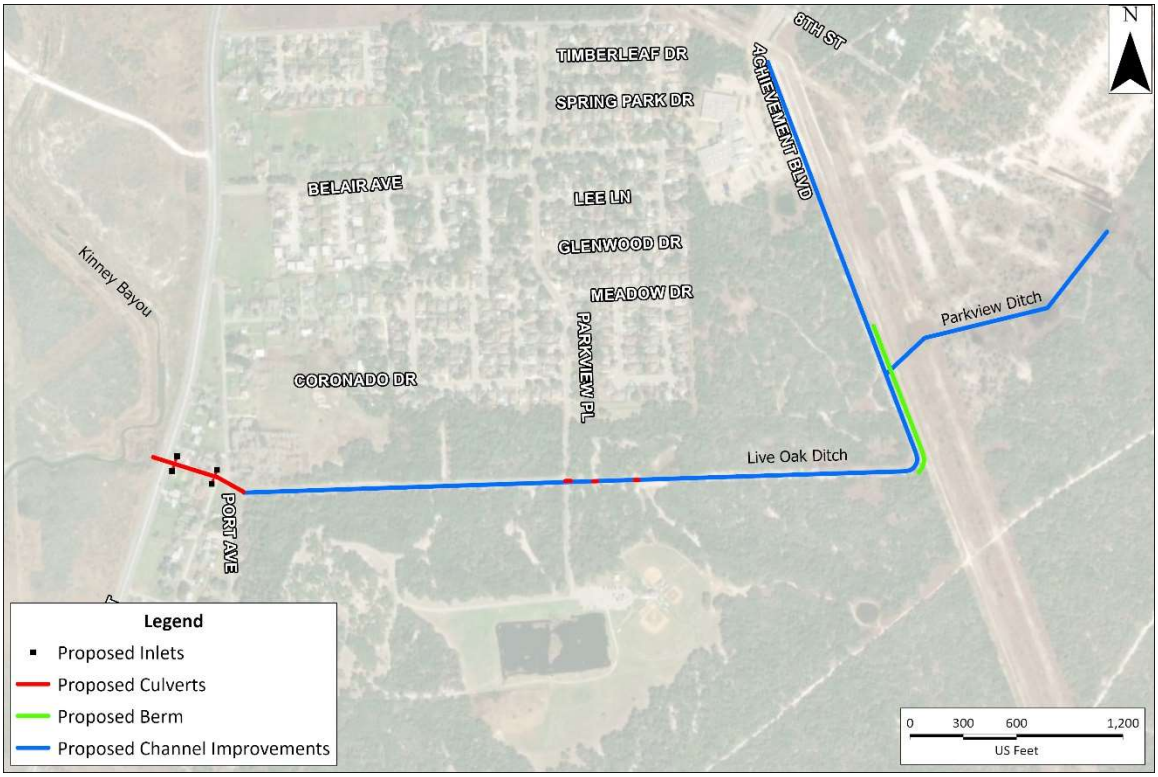
- Improve approximately 6,230 linear feet of the grass-lined Live Oak Ditch. The bottom width will be widened from approximately 15 feet to 18 feet, and the ditch will be deepened by approximately 3.5 feet in some locations. These improvements include regrading and widening the full length of the ditch and concrete lining the bend in the ditch to prevent erosion.

- Upsize all culverts within Live Oak Ditch to two 9’ x 5’ RCBs to allow the channel to flow with no impedance from the culverts.

- Install 1,106 linear feet of two new 9’ x 5’ RCB outfall structures to connect Live Oak Ditch to Kinney Bayou.

- An additional ditch, “Parkview Ditch”, is also proposed to discharge into Live Oak Ditch to support future development of nearby land. Parkview Ditch will consist of approximately 1,550 linear feet of grass-lined ditch with a 20-foot bottom width.

Figure 2-19: Live Oak Ditch - Proposed Drainage Improvements



Summary of Results: Benefits stemming from the proposed improvements include reductions in the flood depth, flood extents, and the amount of inundated time. **Table 2-10** summarizes the modeling results for the Southside Outfall area.

Table 2-10: Live Oak Ditch - Summary of Results

Site 10: Live Oak Ditch			
Criteria	**Existing Conditions (No Improvements)**	**Existing Conditions (With Improvements)**	**Future Buildout (No Improvements)**
5-yr Storm Event (6.42 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	156.2	109.1	191.3
Inundated Roadway (> 6" depth; LF)	2,803	2,378	3,579
Number of Potentially Inundated Structures (> 6" depth)	11	5	14
Maximum Flood Depth (ft)	1.56	0.90	1.81
Length of Time Inundated (hrs)	66.00	62.00	60.00
10-yr Storm Event (7.93 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	189.9	134.3	223.1
Inundated Roadway (> 6" depth; LF)	3,780	2,896	4,158
Number of Potentially Inundated Structures (> 6" depth)	13	5	16
Maximum Flood Depth (ft)	2.06	1.32	2.22
Length of Time Inundated (hrs)	72.25	68.75	66.25
25-yr Storm Event (10.20 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	235.9	169.8	268.1
Inundated Roadway (> 6" depth; LF)	4,673	3,833	4,880
Number of Potentially Inundated Structures (> 6" depth)	15	8	16
Maximum Flood Depth (ft)	2.52	1.88	2.64
Length of Time Inundated (hrs)	77.25	70.75	70.75
100-yr Storm Event (14.20 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	303.0	224.6	332.8
Inundated Roadway (> 6" depth; LF)	5,896	4,864	6,040
Number of Potentially Inundated Structures (> 6" depth)	19	11	21
Maximum Flood Depth (ft)	3.08	2.55	3.17
Length of Time Inundated (hrs)	82.25	71.25	77.25
500-yr Storm Event (19.80 inches/24-hrs)			
Inundated Area (> 6" depth; AC)	366.7	288.8	390.9
Inundated Roadway (> 6" depth; LF)	6,661	5,769	6,810
Number of Potentially Inundated Structures (> 6" depth)	22	13	21
Maximum Flood Depth (ft)	3.59	3.13	3.63
Length of Time Inundated (hrs)	86.25	75.25	80.25

Project Considerations: The proposed improvements to existing components (Live Oak Ditch and the culvert under North Street/Main Street) should be achieved within the existing City ROW or drainage easements. However, it should be confirmed during final design that the proposed improvements can be constructed within the existing easements. Coordination with and project approval by TxDOT will be required to achieve the proposed project. A new drainage easement will be required for construction of the Parkview Ditch. The easement can be dedicated prior to development or would need to be part of the plat requirements when development occurs. Oil, natural gas, highly volatile liquid, and wastewater pipelines may cause potential conflicts during construction. The most notable point of potential conflict is near the proposed Parkview Ditch. Locations of utilities in the area should be confirmed during the design process to ensure there are no conflicts with the proposed drainage improvements. A USACE Nationwide Permit (NWP 7, 18, or 58) may be required for this project due to the project tie-in at Kinney Bayou and should be confirmed during final design. Phasing of this project should be considered starting with the most downstream portions of the project.

- Phase 1 – North Street Culvert between Live Oak Ditch and Kinney Bayou
- Phase 2 – Live Oak Ditch Improvements
- Phase 3 – New Parkview Ditch

Planning Linkages: This section identifies potential areas of overlap and/or mutually beneficial projects recommended in this Plan and those described in the Previous Planning Efforts section at the beginning of this report.

- 2016 Comprehensive Master Plan (CMP):

  The CMP documented multiple concerns about drainage throughout the City. While there is no specific project documented in the CMP that complements or conflicts with the Live Oak Ditch, the proposed ditch improvements will help to improve drainage in the existing residential area to the north as well as the planned future residential area to the east. This proposed project will help to address some of the drainage concerns identified in the CMP.

- 2018 San Patricio County Hazard Mitigation Plan (HMP):

  The HMP recommended County-wide and Ingleside-specific mitigation actions to reduce the negative impacts of natural hazards. The proposed improvements to the Live Oak

Ditch support proposed action #7 for the City of Ingleside to undertake a comprehensive study of flood risk and implement feasible alternatives for flood reduction.

- 2020 Transportation Master Plan (TMP):
  The Thoroughfare Plan included in the TMP identifies a proposed major collector road running north-south just east of Live Oak Park. This is one of the areas that will benefit from improved drainage once the Live Oak Ditch improvements are implemented. If any further detail is known about the exact routing of that future road, it should be considered when designing this project.

- 2021 Parks, Recreation and Open Space Master Plan (PROSMP):
  The Live Oak Ditch runs through the northern part of the City's Live Oak Park, a large portion of which is in the existing inundation area during a 5-year storm event. The PROSMP included a conceptual master plan for the park with various improvements. The proposed park improvements are south of the ditch and do not conflict with the proposed ditch improvements. Instead, the Live Oak Ditch improvements will help to alleviate some park inundation during storm events and thus help to support the master plan vision. While much of the park and its proposed improvements will still be inundated during a 5-year storm event, it will be to a lesser extent.

2.3.2 Small Projects List

FNI was tasked to develop a list of "small" drainage projects that do not require hydrologic or hydraulic modeling but will improve the performance of the drainage system. These small projects are maintenance focused and can likely be completed by City staff or utilizing the City's operations and maintenance budget. The locations of potential small projects were noted during site visits, surveys, and CCTV inspections. A summary of each suggested small project is listed below, and the complete Small Projects Memorandum is included as **Appendix J**.

1. **Clear Blocked Storm Pipe on Texas Avenue**
   - Concrete debris is blocking the storm drain. Clear the debris in the pipe to improve performance of drainage system.

2. **Clear and Repair Storm Pipe on Avenue B**

    - Obstructions and collapsed/deformed pipes are blocking flow in the storm drains. Clear debris and repair failing pipe segments to improve performance of drainage system.

3. **Clean Storm Pipes, Manholes, and Safety End Treatments on Main Street**

    - The storm drains and manholes are blocked with silt and trash making them inaccessible. Clear silt and debris to improve performance of drainage system.

    - Coordinate with landscape workers and/or property owners not to leave excessive grass cuttings in ditches and pipe inlet areas to prevent buildup within drainage system.

4. **Clean out Driveway Culverts on Church Street**

    - Driveway culverts are filled with dirt and one culvert end is broken. Clear dirt in culverts and fix broken culvert end to improve performance of drainage system.

5. **Clean out Storm Drains on Avenue A**

    - Culverts are filled with leaves and dirt. Clean dirt and vegetation in culverts to improve performance of drainage system.

2.4 OPINION OF PROBABLE PROJECT COSTS

An opinion of probable project cost was developed for each CIP based on the conceptual project components. The project cost includes final design, permitting, and construction. It was assumed that each CIP would be completed as a standalone project.

All unit prices are in 2023 dollars and are based on recent bid tabulations and FNI's experience with projects with similar design, construction, permitting, and maintenance elements. The cost for maintenance is not included. A 30% construction contingency was included in each estimate due to the preliminary nature of the design as no survey, geotechnical, structural services, or locations of underground utilities and infrastructure were performed.

The requirement for land acquisition is noted for the projects where applicable. However, land acquisition costs were not accounted for during the development of CIP opinion of probable construction cost. The City is encouraged to confirm land acquisition requirements and costs prior to the final design process to ensure the required easements or rights-of-way can be obtained.

USACE permitting was incorporated into the cost estimate for each project. Based on past FNI experience and the nature of each project, it was determined whether each project might require a Nationwide

permit, an Individual permit, or no permit. Projects that were anticipated to require a Nationwide permit were assumed to require $50,000 for permitting purposes, while those that were anticipated to require an individual permit were assumed to require $100,000 for the permitting process.

Appendix D contains the preliminary opinion of probable project cost (OPPC) for each CIP, and total project costs are summarized in **Table 2-11**.

Table 2-11: OPPC Summary by Project Site

Project Name	Project Cost
Site 1: Humble Ditch Improvements	$ 10,227,900
Site 3: Kenny Lane/Whitney Lake Infrastructure	$ 2,876,083
Site 4: SH 1069 Drainage Improvements - McCampbell Slough to Mooney Lane	$ 15,869,600
Site 5: Mooney/Morgan Long-Term Ponding – Avenue A to Saunders Street	$ 1,019,800
Site 6: Nystrom Addition Drainage Improvements	$ 2,823,800
Site 7: Parkside Terrace Subdivision Drainage Improvements	$ 9,148,800
Site 8: Villanova Place Drainage Improvements	$ 10,075,000
Site 9: Humble Addition and Avenue B Drainage Improvements	$ 5,362,300
Site 10: Live Oak Ditch	$ 16,188,700

3 PROJECT PRIORITIZATION

A ranking system was used to assess the relative severity of the identified drainage problems using weighted criteria that are used to assign a score to each project. The CIP ranking will assist the City in establishing annual funding priorities and needs. The ranking system is an integral component of a "living" master plan document with which existing projects can be modified and future projects can be added and prioritized. The overall ranking list shown in **Appendix G** provides the City with a method for determining which projects receive priority. This ranking process is not intended to provide a prioritized list in which the City must complete in order without exception. However, it is a tool that can be used to help the City staff in annual budgeting and project implementation for their stormwater infrastructure improvements.

3.1 IDENTIFICATION OF RANKING CRITERIA

The first step in the ranking process was to develop the criteria for scoring and ranking the projects. FNI coordinated with City staff to develop the different ranking criteria. The following ranking criteria were recommended (see **Section 3.3** for additional information on each ranking criteria).

- Life and Safety
- Property Damage
- Road Level of Service
- Project Cost
- Planning Linkages

3.2 CRITERIA WEIGHTING

The second step in the ranking process was to assign weighting factors to each criterion. This was accomplished through the "pairwise" process. Pairwise comparison provides a simple, customizable, and rational framework to structure the ranking process. A pairwise comparison table was created, which allowed each criterion to be weighed against the others by determining which criterion was more important than another based on a scale of 1 to 3. A score of 3 means that one criterion is considered more important than another, a score of 2 means that the criteria are of the same importance, and a score of 1 means that the criterion is considered less important than another.

The results of the pairwise exercise are shown in **Table 3-1**. For example, when comparing Life and Safety to Property Damage, a value of 3 would mean Life and Safety is considered more important, a value of 2 would mean the two criteria are equally important, and a value of 1 would mean Life and Safety is less important than Property Damage. Once this comparison is complete for each criterion, the total score for that criterion is determined and then the "weight" of that criterion is determined by dividing the individual score for that criterion by the sum of all scores. The formula used to calculate criterion weights, as well as an example calculation for the weight of the Life and Safety criterion is represented in **Equation 3-1** and **Equation 3-2**, respectively.

Equation 3-1: Calculation of Criterion Weight

$$\boldsymbol{Weight = \frac{Individual\ Score}{Sum\ of\ all\ Scores}}$$

Equation 3-2: Example Calculation of Criterion Weight

$$\boldsymbol{Weight\ (Life\ \&\ Safety) = \frac{9}{24} = 0.38}$$

Table 3-1: Pairwise Evaluation Criteria Ranking Results

Criteria	Life and Safety	Property Damage	Road Level of Service	Planning Linkages	Project Cost	Sum	Weight
Life and Safety		3	3	3	3	12	0.30
Property Damage	1		3	3	3	10	0.25
Road Level of Service	1	1		3	3	8	0.20
Planning Linkages	1	1	1		3	6	0.15
Project Cost	1	1	1	1		4	0.10

3.3 CRITERIA SCORING

After the criteria weighting was complete, FNI collaborated with the City to develop thorough descriptions and scoring systems for each category. The goal was to establish measures that provide consistent results and that would allow future projects to be added to the Master Plan if needed. It was determined that each criterion would have a 5-point scoring range, ranging from a minimum score of 0 and a maximum score of 5. Quantifiable measures and unique scoring guidelines were developed for each criterion. The following list provides descriptions of the ranking process and the scoring ranges developed for each criterion.

3.3.1 Life and Safety

Even though roadways are commonly used to convey stormwater, the depth of the water over the roadway can pose a risk to the public. This criterion can help high risk areas rank higher on the list.

Project scoring is based on depth of flooding within the project limits, where deeper flooding depths are assigned higher points.

Table 3-2 shows the scoring point system for this category.

Table 3-2: Life and Safety Scoring

Depth of Flooding (ft)	Points
> 2	5
1.5 - 2	4
1 – 1.5	3
0.5 - 1	2
0 – 0.5	1
0	0

3.3.2 Property Damage

Property damage due to flooding can have a lasting impact on communities due to the economic hardships it can impose on families and businesses during the rebuilding process and the reduction in property values that can accompany a home being flooded.

Project scoring is based on the number of potentially inundated structures within a project extent based on modeling. For the Ingleside projects, the number of potentially inundated structures was determined based on modeling the existing land use conditions (existing buildout) with existing infrastructure remaining (no stormwater improvements). Projects that serve an area with more potentially inundated structures will score higher. **Table 3-3** shows the scoring point system for this category.

Table 3-3: Property Damage Scoring

Potentially Inundated Structures (Existing Buildout; No Improvements)	Points
> 20	5
11 - 19	4
4 - 10	3
2 - 3	2
1	1
0	0

3.3.3 Road Level of Service

During significant rainfall events, stormwater may overtop roadways or pedestrian routes creating a hazard for pedestrians, bicyclists, and motor vehicle operators. Also, the flooding of a roadway effectively removes that segment from the surface transportation system. Based on the location of such flooding, and the traffic loading of the street, serious problems may result by interrupting a driver's ability to move through the area, particularly to critical facilities (e.g., hospitals, police stations, etc.).

Project scoring is based on road classification (e.g., arterial, local, etc.), with a project's score being higher for roadways that have higher volumes of traffic. Roadway functional classifications were determined using the City's Transportation Master Plan. **Table 3-4** shows the scoring point system for this category.

Table 3-4: Road Level of Service Scoring

Road Level of Service	Points
Arterial	5
Collector	3
Local	1
No Road	0

3.3.4 Planning Linkages

If a drainage project can be incorporated into another City planned project, that achieves multiple plan goals, is efficient use of City funds, and could potentially open additional funding source opportunities. For example, a grant typically dedicated to parks development could potentially be leveraged to fund a proposed drainage project as part of the overall park project.

Project scoring is based on if the drainage project can be incorporated as part of another project identified in one of the City's master plans (Parks, Recreation and Open Space Master Plan; Transportation Master Plan; Comprehensive Plan; or San Patricio County Hazard Mitigation Plan). If there is a linkage to projects in one of the other plans, then it gets a higher score. **Table 3-5Table** shows the scoring point system for this category.

Table 3-5: Planning Linkages Scoring

Linked to a Project in Another Master Plan?	Points
Yes	5
No	0

3.3.5 Project Cost

Each stormwater capital project will vary in size of improvement, the type of project, and the overall cost. It is important for the City to be able to provide funds for each identified project, and to develop a cost-effective implementation schedule for the funding provided. This criterion can help some smaller projects rank higher on the list because lower cost projects can be accomplished with less impact to the City budget.

Project scoring is based on the estimate of total project cost, with lower-cost projects receiving the highest points. **Table 3-6** shows the scoring point system for this category.

Table 3-6: Project Cost Scoring

Project Cost ($)	Points
Project Cost < $100,000	5
$100,000 ≤ Project Cost ≤ $500,000	4
$500,000 ≤ Project Cost ≤ $1,000,000	3
$1,000,000 ≤ Project Cost ≤ $5,000,000	2
Project Cost > $5,000,000	1

3.4 PROJECT SCORING AND RANKING

Each project was scored in each of the four criteria and then multiplied by the corresponding criteria weights to develop a total score. The projects were ranked according to the total score, with 5 being the maximum possible score and 0 being the lowest possible score. In the event of a tied score between projects, the project with the higher criteria score for the highest weighted criteria was prioritized. Project scoring and ranking for all nine CIP projects are summarized in **Table 3-7** with additional details included in **Appendix G**.

Table 3-7: Project Ranking

Project Name	Project Score	Project Ranking
Site 1: Humble Ditch Improvements	2.70	6
Site 3: Kenny Lane/Whitney Lake Infrastructure	2.96	3
Site 4: SH 1069 Drainage Improvements - McCampbell Slough to Mooney Lane	2.95	7
Site 5: Mooney/Morgan Long-Term Ponding – Avenue A to Saunders Street	2.40	8
Site 6: Nystrom Addition Drainage Improvements	1.95	9
Site 7: Parkside Terrace Subdivision Drainage Improvements	2.71	5
Site 8: Villanova Place Drainage Improvements	2.75	4
Site 9: Humble Addition and Avenue B Drainage Improvements	3.10	2
Site 10: Live Oak Ditch	3.50	1

4 GIS DATABASE DEVELOPMENT

FNI GIS personnel developed an ESRI File Geodatabase schema for survey and field data collection of City owned assets. Assets include City stormwater-specific data to acquire detailed and accurate data of channels, roadway crossings, and hydraulic structures along the key outfalls for the studied watersheds. FNI coordinated with the City and survey field collection subconsultant to receive input on developing the GIS data schema model and define data collection attributes. Certain principles were utilized to guide the overall database design (e.g., elimination of redundant data to improve database performance). A good database design will divide data into specific subject tables, links data tables together via joins and/or relationships classes, ensures a high level of accuracy and integrity of data, and enhances data processing and project reporting.

A database should be considered a "living document" that can be altered as needed in the future as new projects arise or as the City's needs change. It should be noted that some aspects of the database may need to be revisited by City personnel. Data can be updated within the provided schema using ESRI's ArcGIS Field Maps app as well as ArcGIS PRO. The end user can download the ArcGIS Field Maps app to their preferred mobile device and link directly to an ArcGIS Online web map containing all GIS spatial data provided by the City and data collected via survey. FNI worked with City personnel to create an ArcGIS Online stormwater asset web map that can be used to collect data in real-time allowing the City to further develop their stormwater asset inventory. The use of ArcGIS Field Maps allows the end user to:

- Efficiently collect and update data in the field
- Work offline if Wi-Fi is not available
- Provide Real-Time data storage in the ESRI cloud environment
- Spatially link field photos and data to feature locations
- Support Android, iOS and Windows devices
- Easily share work with your internal and external clients, including videos and images

4.1 DATA COLLECTION

Due to the scale of the project and having subconsultants collect survey data, data management was essential. The City provided FNI with their GIS stormwater infrastructure inventory, which includes stormwater pipes and numerous stormwater features throughout the City. This dataset has been periodically updated over time to include new developments. FNI reviewed previous watershed studies,

reports, and record drawings from the City for the study area. FNI deployed surveyors into the field to collect attribute data for specific stormwater features. These attributes were, in turn, utilized by FNI engineers for hydraulic analysis and models. The City's stormwater infrastructure data was then used in the basin delineation to accurately portray the direction that runoff moves throughout the City.

Asset GIS attribute data collected by the CCTV inspector and surveyor included storm drain system features, channel cross sections, and culvert elevation data upstream and downstream. FNI obtained data for culverts, storm drain pipes, bridge type and shape, channel type and shape, stormwater pipes, inlets, curb opening, types of structures, elevations, asset shape, length and width, detailed notes, etc. FNI developed a Stormwater Structures Type Guide, which can be referenced by a data collector to ensure they are entering the correct information into the geodatabase. FNI also developed a Condition Rating Guide, which can be used by data collectors or surveyors in the field to rate the current conditions of the infrastructure. Having a guide should result in more consistent data entry between multiple input sources if all data collectors reference the guide when making their assessments. These systems can be applied to each asset inventoried within the ArcGIS database. **Appendix E** provides a summary of the Stormwater Structures Type Guide and Condition Rating Guide. The rating system was deployed with automated domains (pull-down menus) within the ESRI geodatabase so end users can easily select a rating on their mobile device in the field. Predefined pull-down domain menus reduce the risk of spelling errors within the database, as well as reduce post-office time/cost during the QC process. Once the data was collected in the field, it was published to the ESRI ArcGIS Online cloud and exported to a geodatabase that can be saved to the City local network.

5 MAINTENANCE PLAN

5.1 KEY MAINTENANCE LOCATIONS

Maintaining the City's drainage infrastructure improves the system's performance during a storm event and reduces costs by making repairs early before a system failure occurs. The following locations (see **Figure 5-1**) have been identified as priorities for maintenance to ensure proper system functionality.

- **Whitney Lake** – This regional detention pond and wetlands area is a key component of the drainage system for the northern area of Ingleside. Not only does it provide storage during various storm events, but it also provides important water quality features. It should be regularly maintained so it functions as intended.

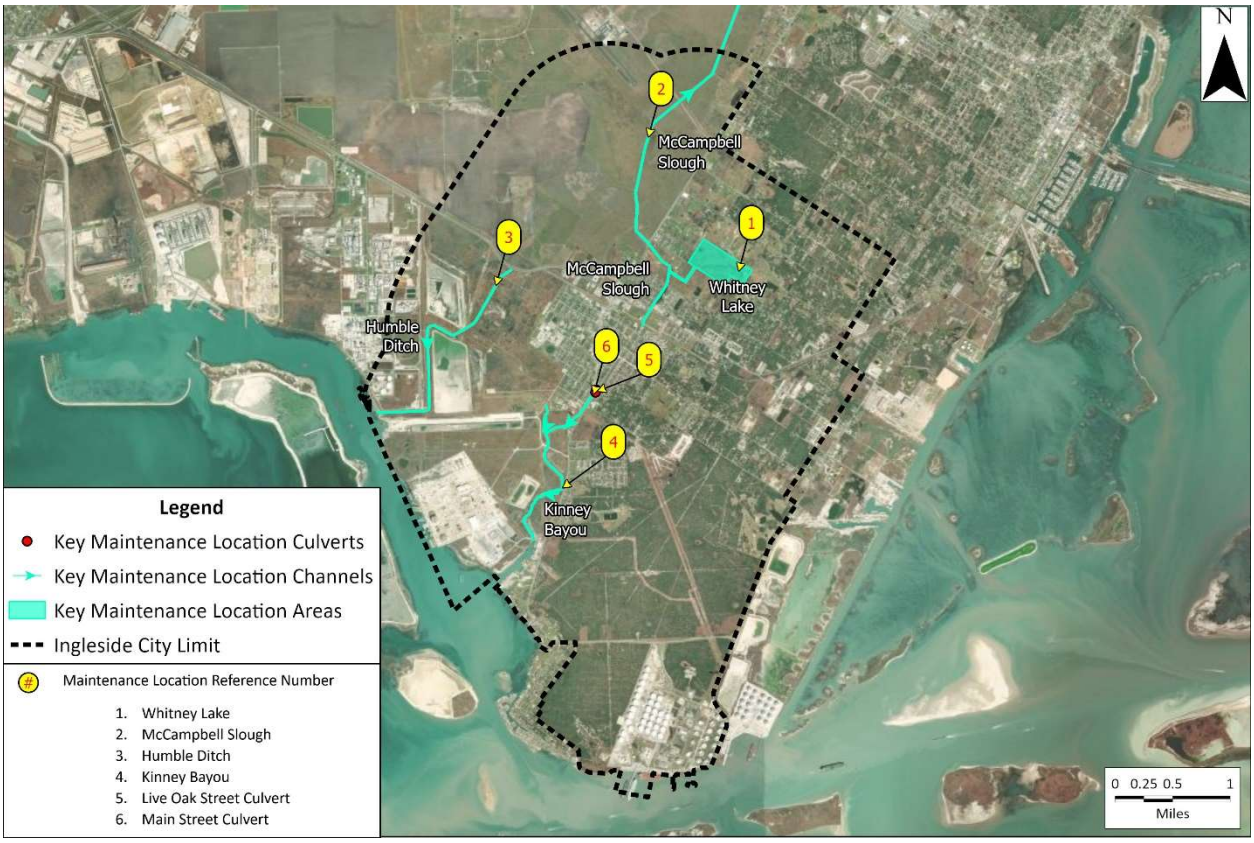
- **McCampbell Slough** – This ditch is a major component of the City's drainage system, providing drainage for a significant portion of the City located north of SH 361 as well as some areas located south of SH 361 and the railroad. McCampbell Slough should be regularly checked for erosion and the channel should be maintained so it is clear of brush and trees. Allowing vegetative growth or erosion/sedimentation in the channel reduces its capacity and reduces the efficiency of the systems draining to McCampbell Slough.

- **Humble Ditch** – Although not a major outlet for much of the existing developed area in the City, if this ditch is not maintained properly stormwater in the system will backflow into the West Main Street area and result in ponding water that takes a significant amount of time to drain off. Keeping the channel clear of brush and trees allows for the areas of the City that drain to the ditch to drain off more quickly.

- **Kinney Bayou** – This ditch is a major component of the City's drainage system, providing drainage for the majority of the City located south of SH 361. Kinney Bayou should be regularly checked for erosion and the channel should be maintained so it is clear of brush and trees. Allowing vegetative growth or erosion/sedimentation in the channel reduces its capacity and reduces the efficiency of the systems draining to Kinney Bayou.

- **Live Oak Street/Main Street Culverts** – The Avenue G Ditch crosses under Live Oak Street and then Main Street before outfalling into Kinney Bayou. These two culvert systems are a key component of the drainage system for a large portion of the City. These culverts should be regularly inspected for integrity and capacity. Any debris clogging the culverts should be removed, and any damage should be repaired to prevent further damage or degradation that would result in more costly repairs in the future.

Figure 5-1: Key Maintenance Locations



5.2 MAINTENANCE RECOMMENDATIONS

The City's plan for maintaining drainage capacity and longevity of the stormwater infrastructure should include the following components.

- Once a year provide a public informational flyer to residents either through utility billing or public broadcast that lists dos and don'ts for maintaining the City's drainage system. These include the following:
    - Remove trash and debris before major storm events.
    - Properly dispose of yard trimmings and pet waste.
    - Do not pour grease into the storm drain system.
    - Keep yard and pet waste out of the path of drainageways.
    - Report issues and damaged drainage infrastructure before it becomes a major repair.
    - Document issues for investigation or repair.

- City staff should enforce the following:
    - Proper disposal of yard trimmings by residents and businesses.
    - Proper erosion and sedimentation controls for all developments.
- Mowing/trimming vegetation twice a year to no less than 6 inches in height along all ditches/channels.
- Use aquatic herbicide to control cattails in all channels.
- Inspecting major channels/outfalls/culvert crossings after each significant storm event to assess damages, erosion, siltation/sediment, or excess drainage/ponding for blockages.
- Create a list of known areas that clog regularly to address those issues first after a rain event. Note the major issue for the persistent problem and determine a reasonable solution (e.g., grate inlet clogs with debris/grass clippings; install an alternate inlet to allow the debris to pass, such as, an area inlet).
- Establish a routine inspection schedule for drainage facilities throughout the community to ensure maintenance agreements are followed and facilities are functioning correctly. Routine inspection will encourage acceptable practices and make ordinances more effective.

6 STORMWATER CRITERIA REVIEW AND BEST MANAGEMENT PRACTICES

Stormwater criteria and regulations represent the first defense in creating an effective, high quality stormwater conveyance system. By ensuring proper design and construction, the City can be confident that stormwater challenges will not only cease to worsen, but potentially improve over time. Likewise, actions by property owners beyond the design and construction of stormwater infrastructure can drastically impact performance of Ingleside's conveyance system. Enacting and updating regulations serve to reduce the potential for negative impacts to adjacent properties and preserve the effectiveness of stormwater infrastructure. The following storm water criteria recommendations are provided for the City's consideration.

- Establish impervious cover or lot coverage standards, either within the subdivision ordinance or by district within the zoning ordinance, in order to provide firm parameters for coverage and runoff coefficients to support improved design. This would also reduce exacerbation of flooding concerns prompted by increased development intensity.

- Establish standards and practices to minimize impervious surface through efforts such as reduced street widths, incorporating sunken landscaped islands, clustering development, preservation of natural areas, reducing parking requirements, and requiring use of pervious surfaces for excess parking above minimum ratios.

- Establish regulations for illicit discharges into the municipal storm system. This regulatory approach seeks to specifically prohibit several activities, as well as erosion controls and mitigation, likely to result in increased non-point source pollutant loads in the stormwater system and that can also interfere with stormwater flow performance. Requirements for erosion and sedimentation controls reduce pollutant loads in runoff and maintain stormwater conveyance system flow capacity.

- Enforce, and adopt as needed, policies, regulations and practices to assure individual sites and development projects avoid negatively impacting adjacent property owners through poor storm drainage. Establish and update stormwater management and drainage regulations, creating a system of inspections, creation of necessary easements and establishment of maintenance entities to ensure private stormwater facilities function as designed years later as well as during construction. This should establish provisions for post-construction maintenance by the property owner in an effort to assure proper performance of stormwater conveyances. This can be coupled with third-party inspectors and reporting to the City.

- Promote regional stormwater detention as preferable to numerous, disconnected and poorly maintained on-site detention ponds and water quality facilities. Evaluate potential to establish a drainage impact fee approach for Ingleside.

- Update inspection and acceptance criteria for new stormwater infrastructure related to new development, as well as City-related projects. Require contractors to submit CCTV for storm drain projects as part of the substantial completion review in order to identify issues for contractor resolution before issuing acceptance or final payments.

- Update ordinances to require mitigation of impervious areas through green stormwater infrastructure controls and establish criteria and appropriate design technical standards. This serves to reduce pollutant loads in runoff, reduce maintenance costs to the City in maintaining and repairing the stormwater conveyance system, and preserves flow capacity and performance.

- Update regulations to limit cut and fill of a site without a development permit. This ordinance addresses the fundamental geography of Ingleside, where changes in grade of less than a foot can significantly alter runoff characteristics, direction and other attributes. By requiring all cut and fill activity to secure an appropriate permit, the City is better positioned to avoid issues of negative stormwater impacts to adjacent properties. This is commonly accomplished through zoning ordinances.

- Amend the zoning, subdivision and other relevant ordinances to require pre-construction and pre-development meetings. This provides a forum to ensure projects begin with the best of intentions with clarity of standards and expectations, resulting in a better experience for all parties.

- Update or replace the City's current flood damage prevention ordinance, enacting several provisions representing higher regulatory approaches for potential participation in the Community Rating System. The recommended changes, particularly increases to freeboard and raising finished floor elevations above the crown of the street, acknowledge the changing characteristics of flooding related to rising sea levels, higher tidal ranges and increasingly severe tropical systems. Specifically, the following enhancements are recommended:

    - Require that new construction and substantial improvement of any residential structure shall have the lowest floor (including basement) and exposed plumbing and electrical components, elevated to a minimum of 2 feet above the base flood elevation. In all cases, the lowest floor of a residential structure shall be elevated at least 2 feet above the natural grade or the crown of the road, whichever is higher.

    - Require that 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 2 feet above the base flood level or together with attendant utility and sanitary facilities, be designed so that the structure is watertight to a minimum of 2 feet 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 and effects of buoyancy.

    - Require that manufactured homes that are placed or substantially improved within Zones A1-30, AH, and AE on the community's FIRM on sites (i) outside of a manufactured home park or subdivision, (ii) in a new manufactured home park or subdivision, (iii) in an

expansion to an existing manufactured home park or subdivision, or (iv) in an existing manufactured home park or subdivision on which a manufactured home has incurred "substantial damage" as a result of a flood, be elevated on a permanent foundation such that the lowest horizontal structural member of the chassis of the manufactured home and exposed plumbing and electrical components are elevated to a minimum of 2 feet above the base flood elevation and be securely anchored to an adequately anchored foundation system to resist flotation, collapse, and lateral movement.

- Require that the lowest floor of a manufactured home that is outside of the SFHA shall be elevated 2 feet above the natural grade or the crown of the road, whichever is higher.
- Require that fill material used to elevate any structure in Zones A, A1-30, AE, AO, AH, AR, or A99, be subject to the following:
  - Fill material must be compacted to at least 95 percent of Standard Laboratory Maximum Density (Standard Proctor) according to ASTM Standard D-698;
  - Fill soils must be fine grained soils of low permeability, such as those classified as CH, CL, SC, or ML according to ASTM Standard D-2487, “Classification of Soils for Engineering Purposes.” See Table 1804.2 in the International Building Code (IBC) for descriptions of these soil types.
  - The fill material must be homogeneous and isotropic; that is, the soil must be all of one material, and the engineering properties must be the same in all directions.
- Require that for subdivisions, at least one primary entry road to a residential structure shall be elevated to or above the BFE to allow entry and exit of vehicles during a base flood event.
- Require that, in areas of shallow flooding (AO/AH zones), all new construction and substantial improvements of residential structures have the lowest floor (including basement) and exposed plumbing and electrical components elevated to a minimum of 2 feet above the base flood elevation or the highest adjacent grade at least as high as the depth number specified in feet on the community's FIRM (at least 2 feet if no depth number is specified).

- Require that, for areas outside the SFHA, the lowest floor of a nonresidential or residential structure, or manufactured home that is outside of the SFHA shall be elevated 2 feet above the natural grade or the crown of the road, whichever is higher.
- Require that, for areas outside the SFHA, if a new or substantially improved nonresidential or residential structure, or manufactured home is constructed outside the SFHA but is within 500 feet of the centerline of a known but unmapped water course (including an intermittent water course) on the community's FIRM, then it shall be elevated so that the lowest floor (including basement is a minimum of 2 feet above the highest adjacent grade.

- Consider participating in the FEMA Community Rating System (CRS) to reduce potential for flood damage and support reduced flood insurance costs for residents and businesses. Ingleside should set an initial goal to achieve CRS Class 6.
- Consider updating stormwater design to the 5-, 10-, 25- and 100-year storm events, with no adverse impacts to existing or proposed structures from the proposed installation of any development, improvement or renovation.
- Transition to and adopt a drainage criteria manual, shifting technical elements such as the defined design storm event, and establishing appropriate design standards for stormwater facilities in Ingleside. It may be possible to adopt a regional manual by reference.
- Update stormwater regulations to require the use of best available data for drainage design.
- Add regulations limiting lot-to-lot drainage and establishing standards for such instances including requirements for swales and drainage easements.
- The FEMA Hazard Mitigation Plan Status from FEMA's Mitigation Planning Portal indicates the San Patricio County Hazard Mitigation Action Plan expired on 12/4/2023, which jeopardizes access to various useful funding mechanisms to support drainage improvements and may impair efficient access to funding in the event of a declared disaster.
- Protect natural conservation areas through deed restrictions and conservation easements, especially areas that serve as buffers that can catch pollutants before they enter the bay or key drainage infrastructure, or that serve as natural stormwater management facilities like marshes. Develop maintenance agreements with developers to ensure the areas are protected and

maintained without added workload to City staff. Develop criteria to identify natural areas to conserve and identify those areas.

In addition to providing stormwater management recommendations, standard stormwater construction details were developed as part of this Drainage Maste Plan (**Appendix F**). The recommended standard details are based on standards that have been effectively used in the Coastal Bend for many years and are familiar to local contractors.

7 FUNDING ASSESSMENT

There are many funding options and opportunities the City could consider for funding stormwater projects. This section includes a funding evaluation for proposed drainage CIPs, including findings on each funding option, a project funding matrix, and an analysis of conservative and optimum scenarios for applying the various cost-sharing opportunities to the identified CIPs. The optimum scenario assumes cost-sharing from federal and state funding, while the conservative scenario assumes cost-sharing and federal and state grants will not be available as funding sources. The resulting general obligation bond repayment options required to pay back the project costs after each scenario are also included.

The following are funding mechanisms to pay for all or part of the identified drainage CIPs. An evaluation of the purpose, constraints, benefits, potential applications, and potential roadblocks is provided for each potential funding mechanism.

7.1 GENERAL OBLIGATION BONDS (GO BONDS)

7.1.1 Purpose

A general obligation bond (GO bond) is a common type of municipal bond that is secured by the local government's general operating revenues and taxing power. As a bond used to finance public projects, the issuer (i.e., the local government) owes the bond holders a debt and is obliged to pay them interest and/or to repay the principal at the maturity date. Most GO bond pledges at the local government level include a pledge to levy a property tax to meet debt service requirements. The City can issue GO bonds to finance CIPs, as they are considered long-term municipal financial solutions.

7.1.2 Constraints

Two conditions must be met before a city can issue GO bonds:

1. There must be a specific provision in the city charter that allows the issuance of bonds for the specified purpose of stormwater drainage improvements, and
2. The voters must approve the bond issuance at an election held on the issue.

Before a local government can receive a GO bond, the capital market evaluates the credit-worthiness of the government but does not specifically evaluate the technical and marketing risk of any project.

7.1.3 Benefits

Because the credit of a municipality stands behind GO bonds, they typically have high bond ratings. In other words, they have a high assessment of the likelihood the debt will be repaid, resulting in high-quality bonds that offer good protection for principal and interest payments. The reason for this high rating is the municipality's power of taxation: a city or town always has the option of raising tax rates or levying new taxes to meet its obligation to bondholders. Thus, it is rare for a municipality to default on its GO bonds. GO bonds are also paired with low interest rates because the investor risk is minimal resulting from guarantees by the city's tax-collecting capacity.

7.1.4 Potential Applications

Potential applications are wide-ranging, from landscaping to improvement of public buildings such as libraries, to drainage improvements, to street improvements. GO bonds are sold to raise funds for works that benefit the entire community and do not provide direct sources of revenue, such as roads, bridges, and parks.

7.1.5 Potential Roadblocks

There must be a specific provision in the city charter that allows the issuance of bonds for the specified purpose of drainage improvements and voters must approve the bond by election before it can be issued.

7.2 STATE AND FEDERAL GRANTS

7.2.1 Purpose

A grant is one of the ways federal and state governments fund ideas and projects to provide public services and stimulate the economy. Grants support critical recovery initiatives, innovative research, and many other programs listed in the Catalog of Federal Domestic Assistance (CFDA). Grants are provided by many state and federal agencies. Grant availability varies throughout the year and funds are awarded based on approval of an entity's application. Each grant has specific criteria that must be met. **Appendix H** offers additional information that can provide a better appreciation for the requirements and nuances of several grant funding opportunities.

A descriptive list of federal grants which can be applied to stormwater projects is provided below:

- **Building Resilient Infrastructure and Communities (BRIC); sponsored by the Federal Emergency Management Agency (FEMA)**

  The Building Resilient Infrastructure and Communities (BRIC) grant program makes federal funds available for hazard mitigation activities. It does so with a recognition of the growing hazards associated with climate change, and of the need for natural hazard risk mitigation activities that promote climate adaptation and resilience with respect to those hazards. These include both acute extreme weather events and chronic stressors which have been observed and are expected to increase in intensity and frequency in the future. Eligible activities may include building codes; project scoping and planning; projects designed to increase resilience and public safety; reduce injuries and loss of life; and reduce damage and destruction to property, critical services, facilities, and infrastructure (including natural systems) from a multitude of natural hazards, including drought, wildfire, earthquakes, extreme heat, and the effects of climate change; and eligible and reasonable indirect costs, direct administrative costs, and other administrative expenses associated with a specific mitigation measure or project. The cost share for the BRIC program is typically 75% federal and 25% non-federal. FEMA made $2.295 billion available for the Building Resilient Infrastructure and Communities (BRIC) grant program in fiscal year 2022. For the BRIC initial selections announced in May 2023, FEMA selected 325 subapplications totaling $136 million across 55 states and territories, and 34 tribes.

- **Economic Development Assistance Programs (EDAP); sponsored by the U.S. Economic Development Administration (EDA)**

  Under the EDAP Federal Funding Opportunity (FFO) announcement, EDA will make construction, non-construction, and revolving loan fund investments under the Public Works and Economic Adjustment Assistance (EAA) Programs. Grants made under these programs must support development in economically distressed areas of the United States by fostering job creation and attracting private investment. The cost-sharing amount varies.

- **Nonpoint Source Grant Program [Section 319 (h)]; sponsored by the U.S. Environmental Protection Agency (EPA)**

  The 1987 amendments to the Clean Water Act (CWA) established the Section 319 Nonpoint Source (NPS) Management Program. Under Section 319, states, territories, and Tribes receive grant money that supports a wide variety of activities including technical assistance, education, training, technology transfer, demonstration projects and monitoring to assess the success of specific nonpoint source implementation projects. In 2022, $21.2 million in grant money was awarded.

  The Texas NPS Management Program is Texas' comprehensive strategy for addressing NPS pollution. The most recent program publication was submitted to the EPA by the Governor in 2022 Annual Report. The types of projects covered by this program are watershed protection plans in priority watershed, NPS portion of Total Maximum Daily Load (TMDL) implementation plans, surface water quality monitoring, data analysis and modeling, best management practices (BMPs), and public outreach/education. Over the past two years, the State's allocation of funding has been approximately $43.2 million.

- **Emergency Watershed Protection (EWP) Program; sponsored by the Natural Resources Conservation Service (NRCS)**

  The objective of the EWP Program is to assist sponsors, landowners, and operators in implementing emergency recovery measures for runoff retardation and erosion prevention to relieve imminent hazards to life and property created by a natural disaster that causes a sudden impairment of a watershed. Financial assistance for flood protection projects is made available following a Presidential Disaster Declaration. Applicants submit requests immediately following a disaster in anticipation of future funding through disaster declaration.

This grant applies to the construction of projects that: (1) provide protection from flooding or soil erosion, (2) remove debris that would affect runoff or erosion, and (3) restore hydraulic capacity following a disaster.

- **Flood Mitigation Assistance (FMA) Grant Program; sponsored by the Federal Emergency Management Agency (FEMA)**

  The FMA program is authorized by Section 1366 of the National Flood Insurance Act of 1968, as amended with the goal of reducing or eliminating claims under the National Flood Insurance Program (NFIP). FMA provides funding to states, territories, federally recognized Tribes and local communities for projects and planning that reduce or eliminate long-term risk of flood damage to structures insured under the NFIP. FMA funding is also available for management costs. Generally, local communities will sponsor applications on behalf of homeowners and then submit the applications to the state, which then submits the application to FEMA. For fiscal year 2022, FEMA announced selections of 230 subapplications totaling $711 million in FMA grant funding.

- **Flood Infrastructure Fund (FIF); sponsored by the Texas Water Development Board (TWDB)**

  The FIF program assists in the financing of drainage, flood mitigation, and flood control projects, including: planning and design activities, work to obtain necessary regulatory approvals, and construction and/or implementation of flood projects. The FIF program allows for a wide range of flood projects. Only Flood Management Evaluations (FME), Flood Mitigation Projects (FMP), and Flood Management Strategies (FMS) recommended in an amended regional flood plan approved by the TWDB are eligible for financial assistance.

  Under the FME category, Under this category, eligible applicants conduct studies to identify, assess, and quantify flood risk or identify, evaluate, and recommend flood risk reduction solutions. These studies involve planning of entire watersheds, as required by the TWDB regional flood planning program, to better inform the development of strategies using structural and nonstructural measures before a flood event. This may include determining and describing problems from or related to flooding, identifying, and planning solutions to flooding problems, and estimating the benefits and costs of these solutions.

  Under the FMP category, eligible applicants may undertake activities to construct or rehabilitate structural flood mitigation improvements or implement non-structural improvements.

FMS are flood risk reduction solution ideas and strategies that do not belong in FME or FMP categories. Examples may include regulatory enhancements, development of entity-wide buyout programs, and public outreach and education. This category may include projects that can be implemented quickly and are understood to be immediately effective in protecting life and property. Eligible FMS Category projects include warning systems, crossing barriers, gages, and public education and outreach.

The FIF program may also provide an eligible applicant's non-federal share for a federal grant program, such as the BRIC or FMA programs.

Both grants at various amounts and 0% interest rate loans are available, with the grant depending on the applicant's household income level.

In its first funding round, the TWDB committed over $513 million to 138 projects.

- **Hazard Mitigation Grant Program (HMGP); sponsored by FEMA**

  The purpose of HMGP is to help communities implement hazard mitigation measures following a Presidential Major Disaster Declaration in the areas of the state, Tribe, or territory requested by the Governor or Tribal Executive. The key purpose of this grant is to enact mitigation measures that reduce the risk of loss of life and property from future disasters. HMGP is authorized under Section 404 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act.

- **Watershed Protection and Flood Prevention Program; sponsored by NRCS**

  The Watershed and Flood Prevention Operations (WFPO) Program provides technical and financial assistance in carrying out works of improvement to protect, develop, and utilize the land and water resources in watersheds. The program provides cost sharing funds to state agencies for flood mitigation projects including floodwater dams, floodplain easements and flood-proofing of residential and commercial structures.

- **Watershed Rehabilitation Program (Rehab); sponsored by NRCS**

  Rehab helps project sponsors rehabilitate aging dams that are reaching the end of their 50-year design lives. This rehabilitation addresses critical public health and safety concerns. Since 1948, NRCS has assisted local sponsors in constructing more than 11,800 dams.

- **Water and Environmental Programs; sponsored by the United States Department of Agriculture - Rural Development (USDA-RD)**

  Under the Water and Environmental Programs, the applicable grant program is the Water & Waste Disposal Loan & Grant Program. This program provides funding for clean and reliable drinking water systems, sanitary sewage disposal, sanitary solid waste disposal, and storm water drainage to households and businesses in eligible rural areas.

- **Continuing Authorities Program; sponsored by the United States Army Corps of Engineers (USACE)**

  This program allows the USACE to plan, design, and construct smaller projects without specific authorization from Congress. The potential sponsor must request the USACE to investigate potential flood risk management issues that might fit the program. Once the USACE determines that the project fits the program, the District will request funds to initiate a reconnaissance effort to determine potential federal interest in proceeding to a feasibility study. There are three authorities available for this program:

  - Section 14 – Emergency Streambank and Shoreline Protection
  - Section 205 – Small Flood Risk Management Projects
  - Section 208 – Clearing and Snagging of Waterways

7.2.2 Constraints

- **BRIC:** Typically, only 75% of a project's costs are provided as the federal grant, leaving the project sponsor seeking the remaining 25%. And while the per-project cap is $50 million, the period of performance is only three years. This program is highly competitive and may result in only one or two projects funded in any given state. Lastly, all of the federal requirements apply such as Davis-Bacon Act wages, NEPA-level environmental, and requirements that almost all aspects of constructed projects have a Buy American preference (American Iron and Steel, manufactured products, and construction materials).

- **EDAP:** The maximum award amount from the EDA is $3,000,000 with a minimum award amount of $100,000. An area receiving this grant must be considered economically distressed and the

project must support the creation of new, permanent jobs. To be considered economically distressed, the applicable region must meet the following criteria:

  - A 24-month unemployment rate that is at least 1 percentage point greater than the national average
  - Per capita income that is not more than 80% of the national average
  - "Special Need," as determined by EDA and as discussed in Section C.3. of the application instructions

- **NPS Grant Program:** The NPS Grant Program is administered by the Texas Commission on Environmental Quality (TCEQ) and the Texas State Soil and Water Conservation Board (TSSWCB) for providing funding as grants to cooperating entities for activities that address the goals and objectives stated in the Texas NPS Management Program. The agencies request proposals during each grant cycle. They should stress interagency coordination, demonstrate new or innovative technologies, use comprehensive strategies that have statewide applicability, and stress public participation. They should also include a Quality Assurance Project Plan (QAPP).
  - This grant is more applicable to water quality projects, not stormwater drainage projects.

- **EWP Program:** All EWP work must reduce threats to life and property and must be economically, environmentally, and socially defensible and sound from a technical standpoint. EWP cannot solve problems that existed before the disaster or to improve the level of protection above that which existed before a disaster. It cannot fund operation and maintenance work or repair private or public transportation facilities or utilities. The work cannot adversely affect downstream water rights and fund cannot be used to install measures not essential to the reduction of hazards.
  - Sponsors must submit a formal request to the State Conservationist for assistance within 60 days of the natural disaster occurrence, or 60 days from the date when access to the sites becomes available.

- **FMA Program:** Requirements include community participation in the National Flood Insurance Program (NFIP), mitigated property insured by NFIP, a FEMA-approved hazard mitigation plan (HMAP), and that the CIP be cost-beneficial.

- **FIF Program:** The TWDB is only offering $375 million for the 2024-2025 program cycle. Also, only projects in the current Texas regional flood plans are eligible with no opportunity to advance

studies funded by the 2020 funding cycle to actual projects. Lastly, only complete projects as listed in the regional plans are eligible and phasing or partial projects are not allowed.

- **HMGP:** Requirements include community participation in NFIP, a FEMA-approved HMAP, and a cost-beneficial project. The foundational requirement, however, is the grant is only applicable following a Presidential Disaster Declaration.

- **WFPO Program:** Sponsoring local organizations can request that watershed project plans be authorized for Federal Watershed Operations funding assistance. Watershed plans involving federal contributions of more than $5,000,000 for contribution, or construction of any single structure having a capacity more than 2,500 ac-ft, require Congressional approval. Criteria for being an eligible authorized watershed project are:
    - Public sponsorship
    - Watershed projects up to 250,000 acres
    - Benefits that are directly related to agriculture, including rural communities, that are at least 20% of the total benefits of the project

- **Rehab Program:** The Rehab grant program is only applicable to the rehabilitation or decommissioning of NRCS aging dams.

- **Water & Waste Disposal Program:** Borrowers must have the legal authority to construct, operate and maintain the proposed services or facilities. Projects must also be financially sustainable. A preliminary engineering report, environmental report, and median household income are required in the application for this grant. Areas that may be served by this grant program include:
    - Rural areas and towns with fewer than 10,000 people
    - Tribal lands in rural areas
    - Colonias

- **Continuing Authorities Program**

  Section 14: The Corps of Engineers is authorized to construct bank protection works to protect endangered highways, highway bridge approaches, and other essential, important public works, such as municipal water supply systems and sewage disposal plants, churches, hospitals, schools, and non-profit public services and known cultural sites that are endangered by flood-caused bank

or shoreline erosion. Privately owned property and facilities are not eligible for protection under this authority. Each project is limited to a total federal cost of $1.5 million.

Section 205: Before the federal government can participate in implementing a flood risk management project, a planning study must be conducted to determine if the project is economically justified (benefits exceed the costs), technically feasible, and environmentally acceptable. Planning studies are typically conducted in two phases - reconnaissance and feasibility.

Section 208: In the interest of flood control, the Corps of Engineers can conduct clearing, snagging, or channel excavation. Limited embankment construction can be provided by utilizing the materials from the cleaning operation.

7.2.3 Benefits

- **BRIC:** Annual program with large project caps. Also, the BRIC program has been very well funded through 2026 by the Infrastructure Invest and Jobs Act. Lastly, a very broad range of projects that mitigate natural hazards are eligible.

- **EDAP**: There are no submission deadlines under this opportunity. Proposals and applications are accepted on an ongoing basis until the publication of a new EDAP FFO. Applicants may be from rural or urban areas. As previously mentioned, the cost-sharing varies, but generally, the amount of the EDA grant may not exceed 50% of the total cost of the project. Projects may receive up to an additional 30% based on the relative needs of the region in which the project will be located.

- **NPS Grant Program**: Cost sharing is 60% federal, 40% local governments.

- **EWP Program**: The NRCS may bear up to 75% (90% within limited resource areas as identified by the U.S. Census data) of the construction cost of emergency measures. Thus, the local government must cover the other 25% of the cost.

- **FMA Program**: Normally, funding is appropriated by Congress annually. For projects involving Severe Repetitive Loss Properties, the grant will cover 100% of the project. For projects involving Repetitive Loss Properties, the grant will cover 90% of the project. Finally, for projects involving NFIP insured properties, the grant will cover 75% of the project while the local government must

pay for 25% of the project. Also and like the BRIC program, the FMA program has been very well funded through 2026 by the Infrastructure Invest and Jobs Act.

- **FIF**: State program with state-level requirements, federal financial assistance requirements do not apply unless required by other cross-cutting federal laws. Also, projects that are currently listed in the regional flood plans have already been defined, scored, and ranked and therefore it is fairly certain which projects will be funded in the 2024-2025 program years. In addition, household income is considered on a project benefit area basis and therefore while Ingleside may not qualify for grant on a community-wide (city limit) basis, it may still have projects that do qualify to receive grant funding.

- **HMGP**: The benefits of HMGP include support for risk reduction activities, improvement of resiliency, elimination of the impact of future events, long-term solutions to problems, cost-effective solutions, and help to avoid repetitive damage from disasters. FEMA provides up to 75% of the funds for mitigation projects under HMGP. The remaining 25% can come from a variety of sources.

- **WFPO Program**: Cost sharing varies and availability of the grant is annually. This grant program is applicable to the Ingleside CIPs.

- **Rehab Program**: The NRCS has made $4.8 million available to Ellis and Williamson counties to complete the design and construction of four watershed rehabilitation projects through Rehab. The cost sharing allocation is 65% federal and 35% local.

- **Water & Waste Disposal Program**: Long-term, low-interest loans are available, and grants may be combined with a loan if necessary to keep user costs reasonable. However, they are only available to rural areas with a population less than 10,000 people.

- **Continuing Authorities Program**: The first $100,000 of the Planning Design Analysis phase is a federal expense. All PDA costs after the first $100,000 are cost shared 50/50. All construction costs are cost shared 65% federal and 35% non-federal. Each project is limited to a total federal cost of $1.5 million.

7.2.4 Potential Applications

- **BRIC:** Potential applications of this program include most hazard mitigation projects that are cost effective, meaning having benefits that at least equal the costs. Projects may directly relate to stormwater or protection for public facilities and roadways. Other risk reduction or resiliency activities are eligible that directly help to reduce impacts to the National Flood Insurance Program (NFIP).

- **EDAP**: Potential applications of this program are public works projects such as water and sewer system improvements, industrial parks, shipping and logistics facilities, etc.

- **NPS Grant Program**: Potential applications are limited for the CIPs in Ingleside, but may include watershed assessment, planning, implementation, demonstration and education projects with the boundaries of impaired watersheds.

- **EWP Program**: Potential applications are limited for the CIPs in Ingleside since the grant does not apply to pre-existing conditions and may only be applied immediately after a disaster has occurred.

- **FMA Program**: Potential applications include acquisition for demolition or relocation, structure elevation or reconstruction, dry flood-proofing, minor localized flood reduction projects, HMAP (flood hazard only) development or update.

- **FIF Program**: Potential applicants may include planning phase activities such as preliminary engineering, project design, feasibility assessments, coordination and development of regional projects, obtaining regulatory approvals, and hydraulic and hydrologic studies; construction/rehabilitation phase activities such as drainage infrastructure (e.g., channels, ditches, ponds, pipes, etc.), flood control infrastructure, flood mitigation infrastructure, retention basins, detention ponds, sustainable infrastructure, nonstructural flood mitigation, development of or amendments to flood related codes, permeable pavement, erosion control, levees, pump stations, rehabilitation of existing infrastructure taking into consideration methods of improving resiliency (not including costs associated with current or future operations and maintenance activities), property acquisitions determined to be the best solution for highest-risk properties, restoration of riparian corridors, floodplains, coastal areas, and wetlands, natural erosion and

runoff control; and other projects such as flood early warning systems, stream gauges, educational campaigns, and crossing barriers.

- **HMGP**: Potential applications are limited for the CIPs in Ingleside since the grant does not apply to pre-existing conditions and may only be applied immediately after a disaster has occurred.
- **WFPO Program**: Potential applications include flood damage mitigation through dams, easements, and flood-proofing, agricultural/rural water supply projects, water quality projects, water conservation projects, groundwater recharge projects, public fish and wildlife habitat conservation, and public water-based recreation projects.
- **Rehab Program**: The main application for this grant is to the rehabilitation or decommissioning of NRCS dams.
- **Water & Waste Disposal Program**: Applications of this grant are toward the design and construction of water, sanitary sewer, stormwater and solid waste facilities. However, the area's population must be fewer than 10,000 people.
- **Continuing Authorities Program**: Potential applications include flood risk management, ecosystem restoration, erosion control, streambank restoration, and multipurpose projects.

7.2.5 Potential Roadblocks

- **BRIC:** In the BRIC program, these could include projects that are not cost effective where the costs outweigh the benefits, projects that don't adequately reduce risk or do not provide resiliency, do not address climate change, do not provide benefits to communities, or areas of communities, that typically do not see investments in infrastructure, or have not garnered support of the affected community and have not leveraged community partnerships.
- **EDAP**: The City of Ingleside is unlikely to be considered an "economically distressed area," and is thus unlikely to receive this grant.
- **NPS Grant Program**: The grant cycle has defined open periods. It will be important to apply when the new cycle has started. The City of Ingleside may not be within the boundaries of an impaired watershed.
- **EWP Program**: Potential roadblocks exist due to the program requirements since the grant does

not apply to pre-existing conditions and may only be applied immediately after a disaster has occurred.

- **FMA Program**: The FMA program is a competitive grant program and FEMA chooses the applicants to be funded based on the applicant's ranking of the project and the eligibility and cost-effectiveness of the project. The application deadline is typically in October.

- **FIF Program**: Even if it is determined that the City has high-priority stormwater projects, if these same projects are not in a regional flood plan, they are not eligible for FIF funding. Also, Ingleside must gain the support of other communities if its project(s) extend outside of the City's limits. This can sometime be difficult, contentious, or even impossible. Lastly, many times communities struggle to provide the additional funding needed to complete a project when 100% grant is not offered or in the case of 0% interest rate loans, may not currently have the debt service capacity to repay even a 30-year loan.

- **HMGP**: Potential roadblocks exist due to the program requirements since the grant does not apply to pre-existing conditions and may only be applied immediately after a disaster has occurred.

- **WFPO Program**: The watershed area must not exceed 250,000 acres, the capacity of a single structure is limited to 25,000 acre-ft of total capacity, and 12,500 acre-ft of floodwater detention capacity. The watershed meets this criterion, but the CIPs must also meet the latter two requirements.

- **Rehab Program**: If none of the City of Ingleside's proposed CIPs include the decommissioning or rehabilitation of an aging dam, then this grant does not apply.

- **Water & Waste Disposal Program**: This program is primarily for water and wastewater infrastructure and may be limited for stormwater projects.

- **Continuing Authorities Program**: Formal assurance in the form of a Project Partnership Agreement must be executed with the project sponsor. The USACE would oversee project construction; however, once constructed, the operation and maintenance of the project would be the responsibility of the project sponsor.

7.3 4B SALES TAX FUND

7.3.1 Purpose

The use of the sales tax for economic development purposes has been one of the most popular and effective tools used by cities to promote economic development. Since the authorization for the local option tax took effect in 1989, more than 586 cities have levied an economic development sales tax. These cities have cumulatively raised more than $573 million annually in additional sales tax revenue dedicated to the promotion of local economic development. Of these cities, 101 have adopted a Type A economic development sales tax, 367 cities have adopted a Type B economic development sales tax, and 118 cities have adopted both a Type A and a Type B sales tax.

7.3.2 Constraints

There are several important differences between Type A and Type B sales taxes for economic development. Type A and Type B taxes can be distinguished on the following grounds: 1) the authorized use of the tax proceeds; 2) the oversight procedure regarding project expenditures; and 3) the means for adopting and altering the tax by election.

The Type B tax also can be used to fund the provision of land, buildings, equipment, facilities, expenditures, targeted infrastructure and improvements that are for the creation or retention of primary jobs for projects such as manufacturing and industrial facilities, research and development facilities, military facilities, including closed or realigned military bases, transportation facilities, sewage or solid waste disposal facilities, recycling facilities, air or water pollution control facilities, distribution centers, small warehouse facilities, primary job training facilities for use by institutions of higher education, regional or national corporate headquarters facilities, eligible job training classes, certain career centers and certain infrastructural improvements that promote or develop new or expanded business enterprises. However, unlike the Type A tax, the Type B tax can additionally fund projects that are typically considered to be community development initiatives. For example, authorized categories under Type B include, among other items, land, buildings, equipment, facilities, expenditures, and improvements for professional and amateur sports facilities, park facilities and events, entertainment and tourist facilities, and affordable housing. Also, the Type B tax may be expended for the development of water supply facilities or water conservation programs.

If the city is eligible to adopt a Type B tax, it may propose a tax rate equal to one-eighth, one-fourth, three-eighths or one-half of one percent. The city may not adopt a sales tax rate that would result in a combined rate of all local sales taxes that would exceed two percent.

7.3.3 Benefits

Every Texas city is eligible to adopt a Type B sales tax if the combined local sales tax rate does not exceed two percent.

7.3.4 Potential Applications

Type B corporations may provide land, buildings, equipment, facilities and improvements found by the board of directors to promote or develop new or expanded business enterprises that create or retain primary jobs, including a project to provide:

- Transportation facilities (including but not limited to airports, hangars, airport maintenance and repair facilities, air cargo facilities, related infrastructure located on or adjacent to an airport facility, ports, mass commuting facilities and parking facilities)
- Sewage or solid waste disposal facilities
- Air or water pollution control facilities
- Facilities for furnishing water to the public
- Public safety facilities
- Streets and roads
- Drainage and related improvements
- Demolition of existing structures
- General municipally owned improvements
- Any improvements or facilities that are related to any of those projects and any other projects that the board in its discretion determines promoted or develops new or expanded business enterprises that create or retain primary jobs.

7.3.5 Potential Roadblocks

- Any drainage improvements would have to be approved by the Type B corporation board.

7.4 ESTABLISHMENT OF SPECIAL DISTRICTS

A special district is a political subdivision established to provide a single public service (such as water supply or sanitation) within a specific geographic area.

- **Public Improvement District (PID)**

  A PID is a special assessment area created at the request of the property owners in the district. These owners pay a supplemental assessment with their taxes, which the PID uses for services above and beyond existing City services. A PID may be formed to perform any of the following improvements:

  - Water, wastewater, health and sanitation, or drainage improvements
  - Street and sidewalk improvements
  - Mass transit improvements
  - Parking improvements
  - Library improvements

- **Water Control and Improvement District (WCID)**

  A WCID is a political subdivision of the state of Texas, and is empowered to purchase, construct, operate, and maintain everything necessary to provide water, wastewater, and drainage services. Through "general law," a district may be created by the TCEQ or the county commissioners court. WCIDs have broad authority to supply and store water for domestic, commercial, and industrial use; to operate sanitary wastewater systems; and to provide irrigation, drainage, and water quality services.

- **Municipal Utility District (MUD)**

  A MUD is a special-purpose district that provides public utilities (such as electricity, natural gas, sewage treatment, waste collection/management, wholesale telecommunications, water) to district residents. MUDs engage in the supply of water, conservation, irrigation, drainage, firefighting, solid waste (garbage) collection and disposal (including recycling activities), wastewater (sewage) treatment, and recreational facilities. A MUD can require its customers to use its solid waste services as a condition for receiving other MUD services. A MUD may provide solid waste and recycling services through a private company. While they

can develop, maintain, or acquire parks or recreational facilities, MUDs are prohibited from issuing bonds to pay for these facilities. They can, however, set and charge user fees.

- **Drainage District (DD)**

  Most DDs (or drainage improvement districts, DID) are administered by an internal drainage board (IDB), which are single purpose local drainage authorities, dealing with the drainage and water level management of clean water only. Each DD has a defined area, and the IDB only has powers to deal with matters affecting that area. An example of an established DD in Texas is the City of Garland. They established a DD to assist residential and commercial property owners who are experiencing property damage due to erosion from creeks or other bodies of water within the City.

- **Local Improvement District (LID)**

  An LID is a method by which a group of property owners can share in the cost of transportation infrastructure improvements or other types of public improvements such as installing water and sanitary sewer lines. Most LIDs involve improving a street, building sidewalks, and installing a stormwater management system. An LID can also be used to install sidewalks on existing streets that previously have been accepted for maintenance by the City. When property owners decide they want to form a LID, they assume responsibility to pay for the project if the project is approved by City Council. The City works with property owners to determine the scope of the project and develops an assessment methodology. A variety of methods are used, including square footage, linear footage or equivalent dwelling unit. Sometimes a combination of these methods is used, but square footage is most commonly used for projects in residential areas.

- **Flood Control District (FCD)**

  The role of the FCD is to reduce flood risk and conserve stormwater runoff while improving water quality, providing recreation opportunities, and enhancing open space where feasible. For example, the Harris County FCD roles include widening and deepening bayous to carry more stormwater and reduce the size of floodplains, excavating stormwater detention basins to safely store millions of gallons of stormwater, implementing voluntary home buyouts, and maintaining drainage infrastructure by addressing erosion, slope failure, and sediment build-

up. FCDs are generally capital improvement programs that address flooding from a regional perspective.

- **Tax Increment Reinvestment Zone (TIRZ)**

  A TIRZ is a political subdivision of a municipality or county in Texas created to implement tax increment financing. They may be initiated by the city or county or by petition of owners whose total holdings in the zone consist of a majority of the appraised property value. To get funding for a TIRZ area, applicants should follow three steps.

  - Property owners possessing 50% or more of the appraised value of a district submit a petition to the county, city, or town requesting a TIRZ be set up, or the local government may decide to create one. A specific lifetime for the TIRZ is determined. A TIRZ may only be city-initiated if less than 10% of its land area consists of residential area.
  - For the purposes of existing tax-collecting entities (water districts, counties, etc.) the assessed values of properties within the new TIRZ are frozen. It is assumed that property values will increase over the lifetime of the TIRZ; the property taxes collected on this increase constitute the "increment".
  - The municipality or county passes an ordinance establishing a governing board for the TIRZ and the zone as a legal entity itself. The board then meets to create a budget for the lifetime of the zone, establishing what projects it will undertake and how they will be financed. This plan is passed as another ordinance.

- **Municipal Development District (MDD)**

  An MDD is created to generate economic development and growth opportunities within the boundaries of the district. To create an MDD, a city must call an election through an order that defines the proposed boundaries of the district. The ballot at this election must be printed to allow voting for or against the proposition. In the order calling the election, the city may provide that the district boundaries will automatically conform to future changes in the city's boundaries. If the voters turn down the creation of the district, a subsequent election to establish a district may not be held within a year of the first election. The MDD is funded through a local sales tax. State law permits a tax rate of one-eighth to one-half of one percent.

- **Sales Tax Reallocation Election (HB 157)**

  Texas law allows cities to hold an election to reallocate sales tax revenue. Cities may hold elections to adopt sales taxes (general revenue or dedicated) in any increment of one-eighth of one percent, so long as the total city sales tax does not exceed the maximum two-percent local sales tax cap. In other words, cities now have increased flexibility to reallocate city sales taxes in a way that makes sense to the city and its residents. The election can be initiated at the discretion of the city council or by a petition signed by 20 percent of the number of voters who cast ballots in the most recent regular municipal elections.

7.5 STORMWATER UTILITY FEE

The state of Texas provides municipalities the opportunity to establish a stormwater utility, which is a legal mechanism used to generate revenue to finance the city's cost to provide and manage stormwater services in the city. The Texas Municipal Drainage Utility Systems Act [Local Government Code 552 Subchapter C] authorizes cities in Texas to establish a municipal stormwater utility system to "protect the public health and safety in municipalities from loss of life and property caused by surface water overflows, surface water stagnation, and pollution arising from non-point source runoff within the boundaries of the established service area…" [LGC 552.042(3)]. To provide these services, municipalities are authorized to assess fees to users of the stormwater utility system.

The stormwater utility fee is a service fee and must be based on the projected cost of providing stormwater service within the city's jurisdiction. Some stormwater-related costs that are allowed by state law [LGC 552.044(2)] to be included in the development of the projected revenue needs for stormwater service include the following:

- Property acquisition
- Service fees (architectural, engineering, legal, surveys, etc.)
- Capital (equipment, machinery, furniture, facilities, etc.)
- Funding and finance costs for construction projects
- Debt service
- Administration

When developing the fee rate for users, classification of affected properties must be nondiscriminatory, equitable, and reasonable. Specific requirements and allowances to exempt certain property owners and property types, respectively, are established in the law. The statute [LGC 552.053(c)] and recent amendments [LGC 580.003] specifically restrict the city from assessing the stormwater utility fee on certain types of property:

- Property with proper construction and maintenance of a wholly sufficient and privately-owned drainage system [LGC 552.053(c)(1)]
- Property held and maintained in its natural state, until such time that the property is developed and all the public infrastructure constructed has been accepted by the municipality in which the property is located for maintenance [LGC 552.053(c)(2)]
- A subdivided lot, until a structure has been built on the lot and a certificate of occupancy has been issued by the municipality in which the property is located [LGC 552.053(c)(3)]
- A State agency or public institution of higher education [LGC 580.003]

The city is also provided the opportunity to exempt certain properties from the stormwater utility fee without regard to the properties' impacts to the storm system. The following property is allowed by law [LGC 552.053(a), (b), and (d)] to be exempted from the stormwater utility fee:

- County property
- City property
- School district property
- Property owned by a tax-exempt religious institution
- Closed cemetery

7.6 GENERAL FUND

A general fund is a financial term referring to a nonprofit entity's financial pool of resources. This term traditionally refers to a fund used by a government or university, because for-profit businesses use a general ledger to monitor finances. From a general fund, all operating expenses, services and employee payrolls are provided. The money for this fund comes from several sources, depending on the institution. The bulk of a governmental fund is drawn from taxes. No matter if it is a state, local or national government, taxpayers are primarily the people helping fund services and operation. Beyond taxes, a

government makes other income from having a surplus from the previous fund, from interest on investments and from charging fees, such as entry fees into parks.

7.7 CERTIFICATES OF OBLIGATION (CO BONDS)

COs were initially authorized by Texas' Certificate of Obligation Act of 1971. Cities, counties and health or hospital districts can use them to fund the construction, demolition, or restoration of structures; purchase materials, supplies, equipment, machinery, buildings, land and rights-of-way; and pay for related professional services. COs are issued for terms of up to 40 years and usually are supported by property taxes or other local revenues.

COs often are associated with emergency spending, but their use isn't restricted to such purposes. They can be used to fund public works as part of standard local government operations.

Commissioners courts, city councils and health or hospital district boards opting to issue COs must post a description of the projects to be financed in local newspapers at least twice, first more than 30 days before the governing body's vote on the CO issuance and again a week after the initial posting. These postings must describe the general purpose and amount of the debt to be issued, name the method of repayment, and list the time and place of the governing body's vote.

COs do not require voter approval unless 5 percent of qualified voters within the jurisdiction petition for an election on the spending in question.

COs provide local governments with important flexibility when they need to finance projects quickly, as with reconstruction after a disaster or as a response to a court decision requiring capital spending. But the way COs circumvent voter approval has made them controversial in the past, leading to 2015 legislation restricting their use.

7.8 COMMUNITY DEVELOPMENT CORPORATION (CDC)

Community Development Corporations (CDCs) are nonprofit, community-based organizations focused on revitalizing the areas in which they are located, typically low-income, underserved neighborhoods that have experienced significant disinvestment. While they are most commonly celebrated for developing affordable housing, they are usually involved in a range of initiatives critical to community health such as economic development, sanitation, streetscaping, and neighborhood planning projects, and oftentimes even provide education and social services to neighborhood residents.

CDCs play a critical role in building community wealth for a few key reasons:

- They anchor capital in communities by developing residential and commercial property, ranging from affordable housing to shopping centers and even businesses.
- At least one-third of a CDC's board is typically composed of community residents, allowing for the possibility of direct, grass-roots participation in decision-making.
- CDCs' work to enhance community conditions oftentimes involves neighborhood organizing, a process critical for empowering residents and gaining political power.

A Community Development Corporation, often referred to as a 4B corporation for its enabling legislation, uses a half of a cent of the municipality's sales tax to fund a defined array of public improvements including buildings, equipment, programs and parks, as well as the promotion and development of business enterprises.

7.9 TEXAS CAPITAL FUND INFRASTRUCTURE PROGRAM (EDA/TEDC)

TEDC, or Texas Economic Development Council, is an Austin-based, statewide, non-profit professional association dedicated to the development of economic and employment opportunities in Texas. The Texas Capital Fund Infrastructure Program provides grants for infrastructure development to create or retain permanent jobs in primarily rural communities and counties. The money can be used for a variety of public infrastructure improvements. The program is only available to "non-entitlement" city or county governments. Non-entitlement cities/counties do not receive direct funding from HUD (U.S. Department of Housing and Urban Development) and typically include cities with a population of less than 50,000 and counties of less than 200,000. There are over 1,200 eligible cities and counties in the state. The award floor is $50,000 and the award ceiling is $1,500,000.

7.10 CLEAN WATER STATE REVOLVING LOAN FUND (EPA/TWDB)

The Clean Water State Revolving Fund (CWSRF) program is a federal-state partnership that provides communities a permanent, independent source of low-cost financing for a wide range of water quality infrastructure projects. Using a combination of federal and state funds, state CWSRF programs provide loans to eligible recipients to:

- Construct municipal wastewater facilities
- Control nonpoint sources of pollution

- Manage, reduce, or treat stormwater,
- Create green infrastructure projects
- Protect estuaries
- Fund other water quality projects

Under the CWSRF, EPA provides grants to all 50 states plus Puerto Rico to capitalize state CWSRF loan programs. The states contribute an additional 20 percent to match the federal grants. The 51 CWSRF programs function like environmental infrastructure banks by providing low interest loans to eligible recipients for water infrastructure projects. As money is paid back into the state's revolving loan fund, the state makes new loans to other recipients for high priority, water quality activities. Repayments of loan principal and interest earnings are recycled back into individual state CWSRF programs to finance new projects that allow the funds to "revolve" at the state level over time.

States are responsible for the operation of their CWSRF program. Under the CWSRF, states may provide various types of assistance, including loans, refinancing, purchasing, or guaranteeing local debt and environmental needs . As with the BRIC and FMA federal grant programs, the CWSRF has been well funded by the Infrastructure Investment and Jobs Act for the federal fiscal years 2022-2026.

7.11 PROJECT FUNDING MATRIX

Based on the researched funding mechanisms and known project scopes, FNI created the funding matrix shown in **Table 7-1**. The purpose of the funding matrix is to show the relevant funding options for each of the ranked projects identified by FNI. Although many funding options were researched only the relevant funding options are shown in **Table 7-1**. Using the associated cost for each CIP, the following two funding scenarios were analyzed:

- Conservative Projection; no external cost sharing
- Grant-Assisted Projection; maximum external cost sharing

For the conservative funding scenario, it is assumed that none of the projects will benefit from cost sharing. Under this scenario the full financial burden of addressing the CIPs falls on the City. The projects would have to be paid for through the General Fund, GO Bonds, a Stormwater Utility Fee, or the 4B sales tax corporation. As a result, the total cost to the City is $73,591,983.

For the grant-assisted funding scenario, it is assumed that the projects will benefit from the highest amount of cost sharing with state and federal agencies. Certain federal and state grant programs place limits on the amount of funds that can be awarded to each applicant. For example, FMA and BRIC programs do not award more than $50 million to a project. The Continuing Authorities Program (CAP) is limited to $1.5 million in federal share per project. Keeping these limits in mind, the federal and state grants were used strategically for each project to reduce the total cost to the City. As a result, the total cost to the City is $25,757,194, assuming the maximum City share is 35%.

Table 7-1: CIP Funding Matrix

Rank	Project ID	Project	Funding Options						Total Project Cost	Max Grant-Assisted Project Cost to City
			GO Bonds	Stormwater Utility Fee	4B Sales Tax	Federal/State Grants[1]				
						FMA[2]	BRIC[3]	CAP[4]		
7	Site 1	Humble Ditch Improvements	Applies	Applies	Applies	75/25	75/25	65/35	$10,227,900	$3,579,765
3	Site 3	Kenny Lane/Whitney Lake Infrastructure	Applies	Applies	Applies	75/25	75/25	65/35	$2,876,083	$1,006,629
4	Site 4	SH 1069 Drainage Improvements - McCampbell Slough to Mooney Lane	Applies	Applies	Applies	75/25	75/25	65/35	$15,869,600	$5,554,360
8	Site 5	Mooney/Morgan Long-Term Ponding – Avenue A to Saunders Street	Applies	Applies	Applies	75/25	75/25	65/35	$1,019,800	$356,930
9	Site 6	Nystrom Addition Drainage Improvements	Applies	Applies	Applies	75/25	75/25	65/35	$2,823,800	$988,330
6	Site 7	Parkside Terrace Subdivision Drainage Improvements	Applies	Applies	Applies	75/25	75/25	65/35	$9,148,800	$3,202,080
5	Site 8	Villanova Place Drainage Improvements	Applies	Applies	Applies	75/25	75/25	65/35	$10,075,000	$3,526,250
2	Site 9	Humble Addition and Avenue B Drainage Improvements	Applies	Applies	Applies	75/25	75/25	65/35	$5,362,300	$1,876,805
1	Site 10	Live Oak Ditch	Applies	Applies	Applies	75/25	75/25	65/35	$16,188,700	$5,666,045
								Total	**$73,591,983**	**$25,757,194**

1 *Only relevant grants for the listed projects are shown. The listed ratios are federal contribution/local contribution.*

2 *Higher levels of grant are possible for projects that address RL & SRL properties. $50 million per project cap. Period of performance is 36 months from date of award.*

3 *$50 million per project cap. Period of performance is 36 months from date of award.*

4 *The first $100,000 of the Planning Design Analysis phase is a federal expense. All PDA costs after the first $100,000 are cost-shared 50/50. All construction costs are cost-shared 65/35. Each project is limited to a total Federal cost of $10 million.*

As is seen in **Table 7-1**, cost sharing with federal agencies can be very beneficial for the City and may result in up to 75% savings. However, even under the optimum scenario shown above, the City would still need to cover about $25.8 million in costs for the 9 listed projects. These will likely need to be paid by the 4B sales tax, general fund, and/or a stormwater utility fee.

Regardless of the local funding mechanism used, general obligation bonds would need to be issued for the remaining project cost to the City**. Table 7-2** and **Table 7-3** show the resulting bond repayment options required to pay back the project costs.

Table 7-2: Conservative Scenario Debt Service

Bond Amount	$73,591,983	$73,591,983	$73,591,983	$73,591,983	$73,591,983
Interest Rate[1]	5.0%				
Repayment Period	10	15	20	25	30
Est. Annual Payment Required	$9,530,498	$7,090,020	$5,905,211	$5,221,532	$4,787,264

[1]*Assumed interest rate by FNI*

Table 7-3: Optimized Grant-Assisted Scenario Debt Service

Bond Amount	$25,757,194	$25,757,194	$25,757,194	$25,757,194	$25,757,194
Interest Rate[1]	5.0%				
Repayment Period	10	15	20	25	30
Est. Annual Payment Required	$3,335,674	$2,481,507	$2,066,824	$1,827,536	$1,675,542

[1]*Assumed interest rate by FNI*

7.12 CONCLUSION

FNI recommends that cost sharing with state and federal agencies be pursued strategically to maximize the amount of cost sharing across all the projects. The optimum scenario presented in **Table 7-1** can result in up to 75% cost savings to the City. Additional cost savings can be realized through the use of low-interest SRF loans through the TWDB. Any remaining costs will need to be paid for locally through issuing GO bonds. These GO bonds will then need to be paid back through the use of 4B sales tax, general fund, and/or a stormwater utility fee.

APPENDIX A
CITY OF INGLESIDE DRAINAGE AREA MAP AND EXISTING DRAINAGE CHANNELS MAP

FREESE AND NICHOLS
800 N. Shoreline Blvd, Suite 1600N
Corpus Christi, Texas 78401
(P) 361-561-6500

Drainage Area Map

Ingleside, Texas

FN JOB NO	ING21605
FILE	KB_Task4_ModelingStrategy
DATE	2/17/2023
SCALE	1:60,000
DRAFTED	08215

EXHIBIT 1

FREESE AND NICHOLS
800 N. Shoreline Blvd, Suite 1600N
Corpus Christi, Texas 78401
(P) 361-561-6500

Existing Drainage Channels Map

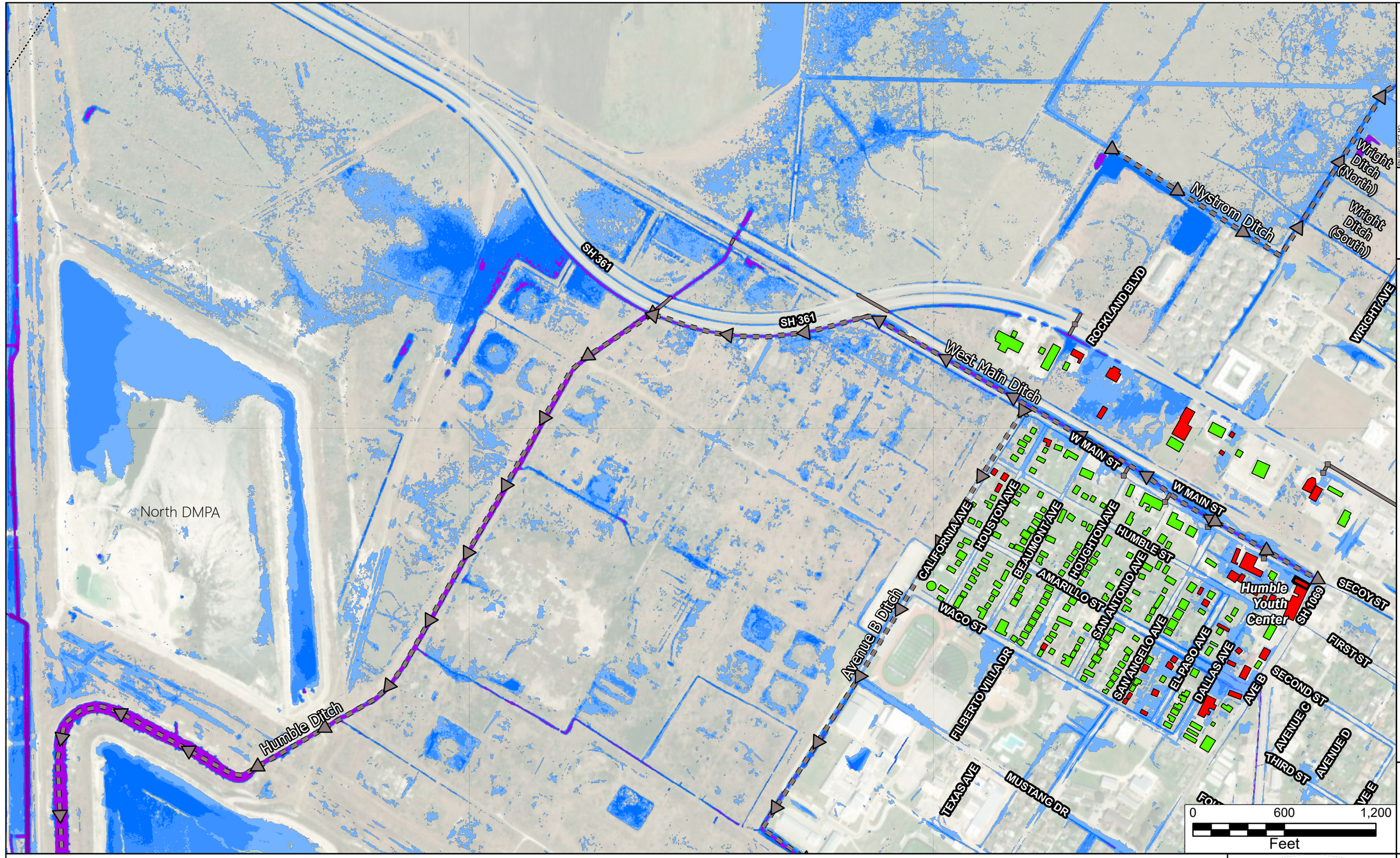
Ingleside, Texas

FN JOB NO	ING21605
FILE	KB_Task4_ModelingStrategy
DATE	1/11/2024
SCALE	1:38,400
DRAFTED	08215

EXHIBIT 2

H:\STORMWATER\Working\Task4_ModelingStrategy_OST\KB_Task4_ModelingStrategy.aprx

APPENDIX B
INUNDATION MAPS



Depth (5-Year Storm Event)
(24 hr Rainfall Depth = 6.42 in)
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- 6" - 12" (0.5' - 1.0')
- 12" - 18" (1.0' - 1.5')
- 18" - 30" (1.0' - 2.5')
- 30" - 60" (2.5' - 5.0')
- 60" - 91.2" (5.0' - 7.6')

Inundation Status
- Not Inundated (0 - 0.5')
- Potentially Inundated (> 0.5')

Existing Infrastructure
- Inlet
- Manhole
- Underground Stormwater System / Culverts
- Channel / Ditch

Proposed Infrastructure
- Inlet
- Manhole
- Underground Stormwater System / Culverts
- Channel / Ditch

- Channel / Culvert Removal
- Detention Pond
- Ingleside City Limit

FN PROJECT NO: ING21605
DATE CREATED: Date: 2/28/2024
DATUM & COORDINATE SYSTEM: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
FILE NAME: Name: Ingleside2
PREPARED BY: EME

N
W E
S

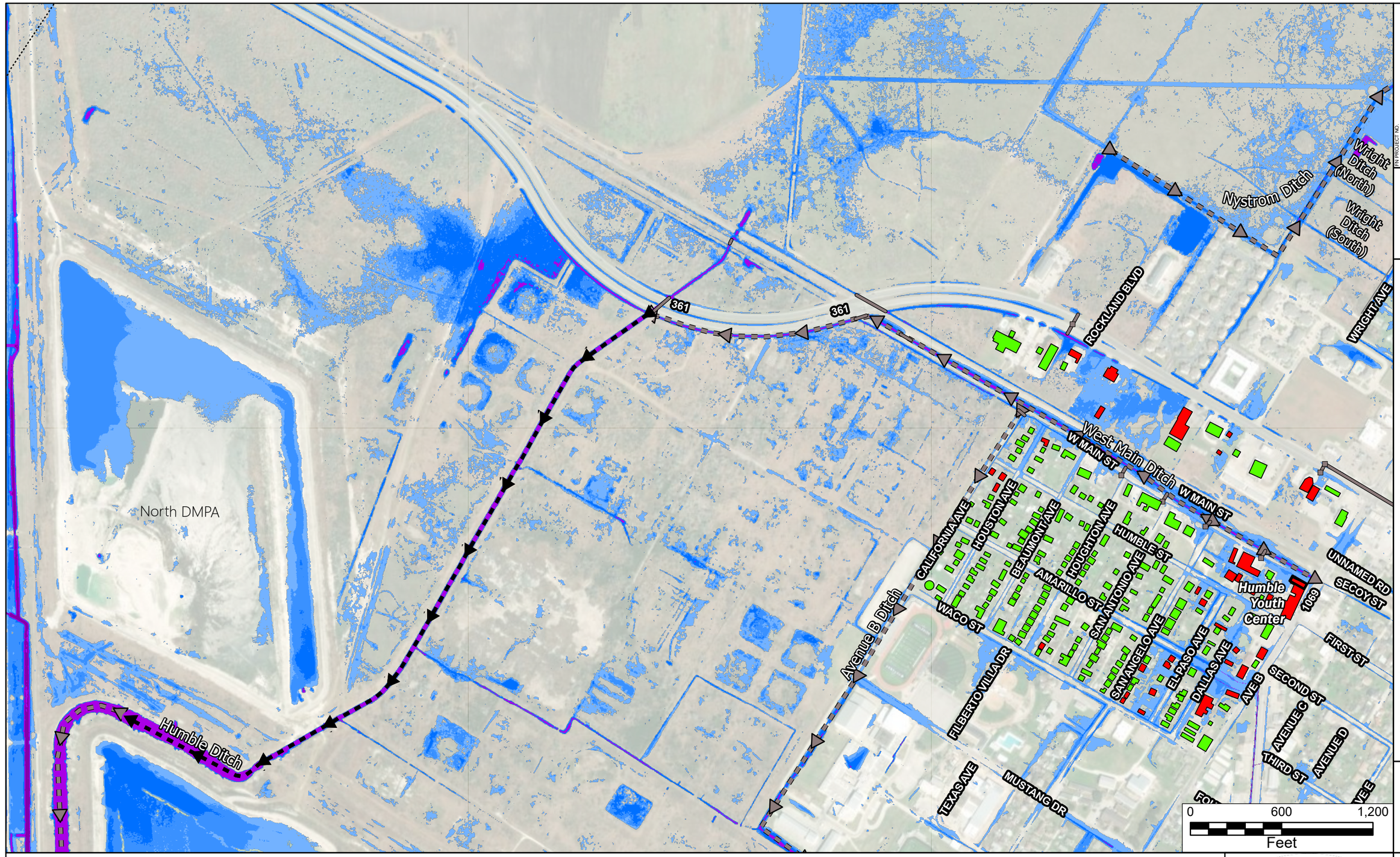
SITE 1: HUMBLE DITCH IMPROVEMENTS

EXISTING CONDITIONS INUNDATION MAP

FREESE AND NICHOLS, INC.
800 N SHORELINE BLVD
SUITE 1600N
CORPUS CHRISTI, TX 78401
PHONE: (361) 561-6500

City Of Ingleside

FIGURE
1A



PW PROJECT NO. ING21605
DATE CREATED Date: 2/28/2024
DATUM & COORDINATE SYSTEM NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
FILE NAME Name: Ingleside2
PREPARED BY EME

SITE 1: HUMBLE DITCH IMPROVEMENTS

PROPOSED IMPROVEMENTS INUNDATION MAP

FREESE AND NICHOLS, INC.
800 N SHORELINE BLVD
SUITE 1600N
CORPUS CHRISTI, TX 78401
PHONE: (361) 561-6500

Depth (5-Year Storm Event)
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- Manhole
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Proposed Infrastructure
- Inlet
- Manhole
- Underground Stormwater System / Culverts
- Channel / Ditch

- Channel / Culvert Removal
- Detention Pond
- Ingleside City Limit

City Of Ingleside

FIGURE
1B

Date Saved: 2/28/2024 10:40 AM

Path: H:\STORMWATER\Working\EME\Ingleside\Ingleside2.aprx

MORGAN LN

AVENUE A

Whitney Lake Ditch

KENNEY LN

Whitney Lake Marsh
Wildife
Refuge

0 300 600
Feet

Depth (5-Year Storm Event)
(24 hr Rainfall Depth = 6.42 in)
- < 6" (0.5')
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Proposed Infrastructure
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- Underground Stormwater System / Culverts
- Channel / Ditch

- Channel / Culvert Removal
- Detention Pond
- Ingleside City Limit

FN PROJECT NO. ING21605
DATE CREATED Date: 2/28/2024
DATUM & COORDINATE SYSTEM NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
FILE NAME Name: Ingleside2
PREPARED BY EME

SITE 3: KENNY LANE/WHITNEY LAKE

EXISTING CONDITIONS INUNDATION MAP

FREESE AND NICHOLS, INC.
800 N SHORELINE BLVD
SUITE 1600N
CORPUS CHRISTI, TX 78401
PHONE: (361) 561-6500

City Of Ingleside

FIGURE
2A

MORGAN LN

AVENUE A

Whitney Lake Ditch

KENNEY LN

Whitney Lake Marsh
Wildife
Refuge

0 300 600
Feet

Depth (5-Year Storm Event)
(24 hr Rainfall Depth = 6.42 in)
- < 6" (0.5')
- 6" - 12" (0.5' - 1.0')
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Proposed Infrastructure
- Inlet
- Manhole
- Underground Stormwater System / Culverts
- Channel / Ditch

- Channel / Culvert Removal
- Detention Pond
- Ingleside City Limit

FN PROJECT NO. ING21605
DATE CREATED Date: 2/28/2024
DATUM & COORDINATE SYSTEM NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
FILE NAME Name: Ingleside2
PREPARED BY EME

PROPOSED IMPROVEMENTS INUNDATION MAP

SITE 3: KENNY LANE/WHITNEY LAKE

FREESE AND NICHOLS, INC.
800 N SHORELINE BLVD
SUITE 1600N
CORPUS CHRISTI, TX 78401
PHONE: (361) 561-6500

City Of Ingleside

FIGURE
2B

Nystrom Ditch

McCampbell Slough

SH 1069

REBECCA ST

SUSAN CIR

MCCULLOUGH LN

KENNEY LN

MORGAN LN

MOONEY LN

0 300 600

Feet

N

W E

S

FN PROJECT NO. ING21605

DATE CREATED Date: 3/1/2024

DATUM & COORDINATE SYSTEM NAD 1983 StatePlane Texas South Central FIPS 4204 Feet

FILE NAME Name: Ingleside2

PREPARED BY EME

SITE 4: SH 1069 DRAINAGE IMPROVEMENTS MCCAMPBELL SLOUGH TO MOONEY LANE

EXISTING CONDITIONS INUNDATION MAP

Depth (5-Year Storm Event)

(24 hr Rainfall Depth = 6.42 in)

- < 6" (0.5')
- 6" - 12" (0.5' - 1.0')
- 12" - 18" (1.0' - 1.5')
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Existing Infrastructure

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- Manhole
- Underground Stormwater System / Culverts
- Channel / Ditch

Proposed Infrastructure

- Inlet
- Manhole
- Underground Stormwater System / Culverts
- Channel / Ditch

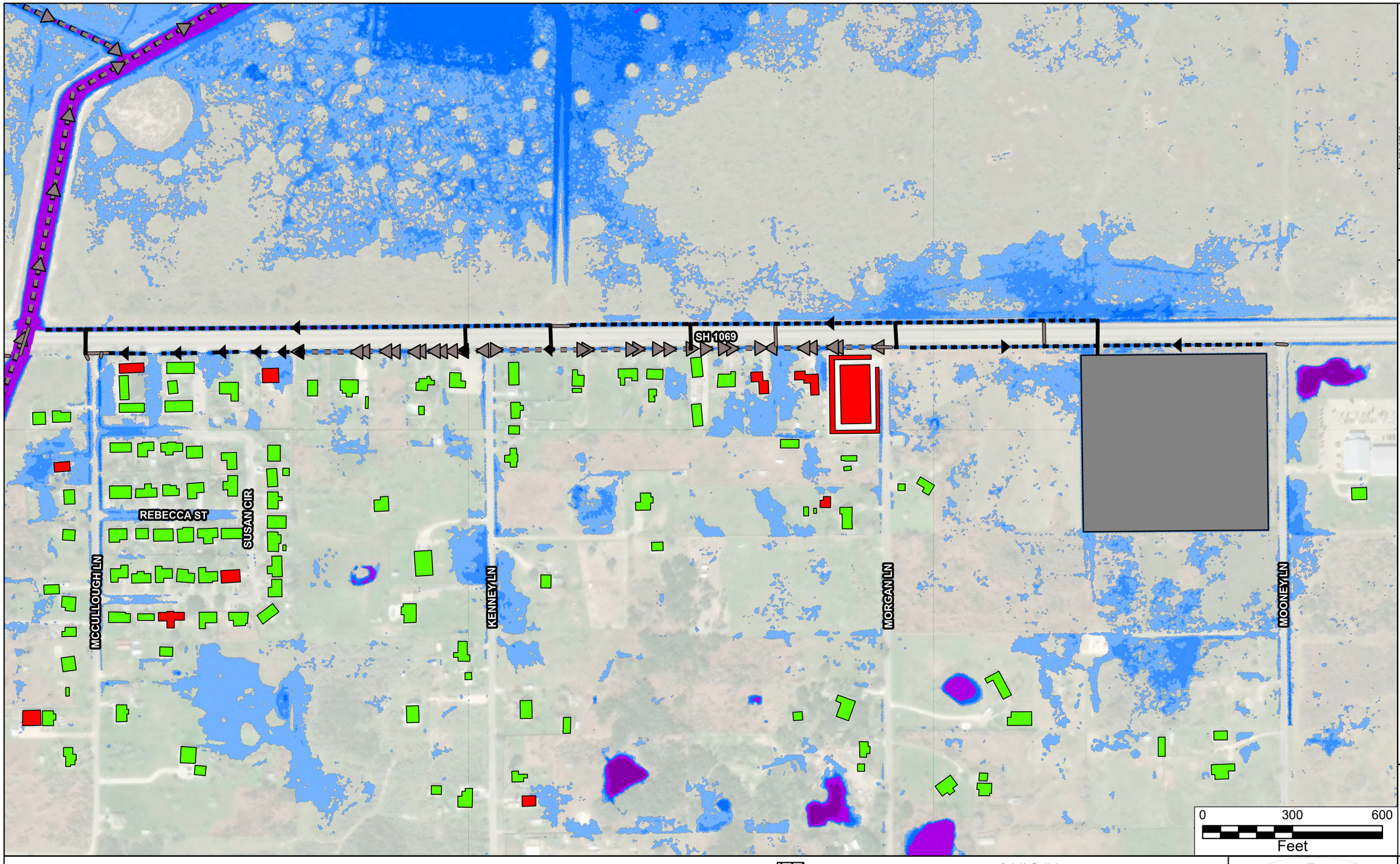
- Channel Removal
- Detention Pond
- Ingleside City Limit

FREESE AND NICHOLS, INC.
800 N SHORELINE BLVD
SUITE 1600N
CORPUS CHRISTI, TX 78401
PHONE: (361) 561-6500

City Of Ingleside

FIGURE

3A



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Proposed Infrastructure
- Inlet
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- Underground Stormwater System / Culverts
- Channel / Ditch

- Channel Removal
- Detention Pond
- Ingleside City Limit

FN PROJECT NO. ING21605
DATE CREATED Date: 3/1/2024
DATUM & COORDINATE SYSTEM NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
FILE NAME Name: Ingleside2
PREPARED BY EME

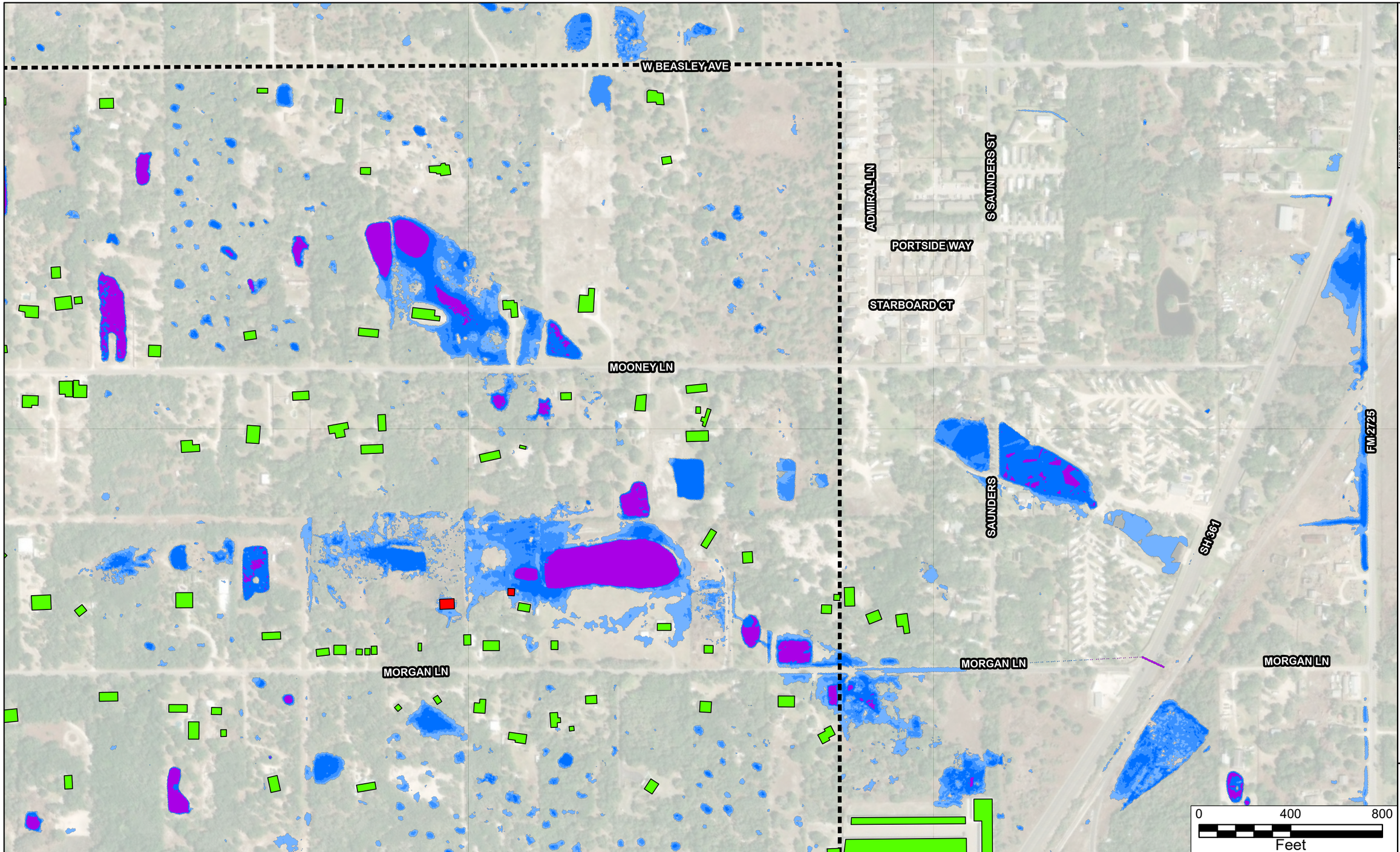
PROPOSED IMPROVEMENTS INUNDATION MAP

SITE 4: SH 1069 DRAINAGE IMPROVEMENT MCCAMPBELL SLOUGH TO MOONEY LANE

FREESE AND NICHOLS, INC.
800 N SHORELINE BLVD
SUITE 1600N
CORPUS CHRISTI, TX 78401
PHONE: (361) 561-6500

City Of Ingleside

FIGURE
3B



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Proposed Infrastructure
- Inlet
- Manhole
- Underground Stormwater System / Culverts
- Channel / Ditch

- Channel / Culvert Removal
- Detention Pond
- Ingleside City Limit

Note: Inundation extents shown on this exhibit are for the ponding that occurs after a storm event (storm water that is unable to drain off) instead of maximum extents during the storm event.

FN PROJECT NO: ING21605
DATE CREATED: Date: 2/28/2024
DATUM & COORDINATE SYSTEM: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
FILE NAME: Name: Ingleside2
PREPARED BY: EME

SITE 5: MOONEY/MORGAN LONG-TERM PONDING AVENUE A TO SAUNDERS

EXISTING CONDITIONS INUNDATION MAP

FREESE AND NICHOLS, INC.
800 N SHORELINE BLVD
SUITE 1600N
CORPUS CHRISTI, TX 78401
PHONE: (361) 561-6500

City Of Ingleside

FIGURE
4A

W BEASLEY AVE

Admiral LN

S SAUNDERS ST

PORTSIDE WAY

STARBOARD CT

MOONEY LN

FM 2725

SAUNDERS

SH 361

MORGAN LN

MORGAN LN

MORGAN LN

0 400 800

Feet

Depth (5-Year Storm Event)

(24 hr Rainfall Depth = 6.42 in)

- < 6" (0.5')
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Existing Infrastructure

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- Manhole
- Underground Stormwater System / Culverts
- Channel / Ditch

Proposed Infrastructure

- Inlet
- Manhole
- Underground Stormwater System / Culverts
- Channel / Ditch

- Channel / Culvert Removal
- Detention Pond
- Ingleside City Limit

Note: Inundation extents shown on this exhibit are for the ponding that occurs after a storm event (storm water that is unable to drain off) instead of maximum extents during the storm event.

FN PROJECT NO: ING21605

DATE CREATED: Date: 2/28/2024

DATUM & COORDINATE SYSTEM: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet

FILE NAME: Name: Ingleside2

PREPARED BY: EME

N W E S

SITE 5: MOONEY/MORGAN LONG-TERM PONDING AVENUE A TO SAUNDERS

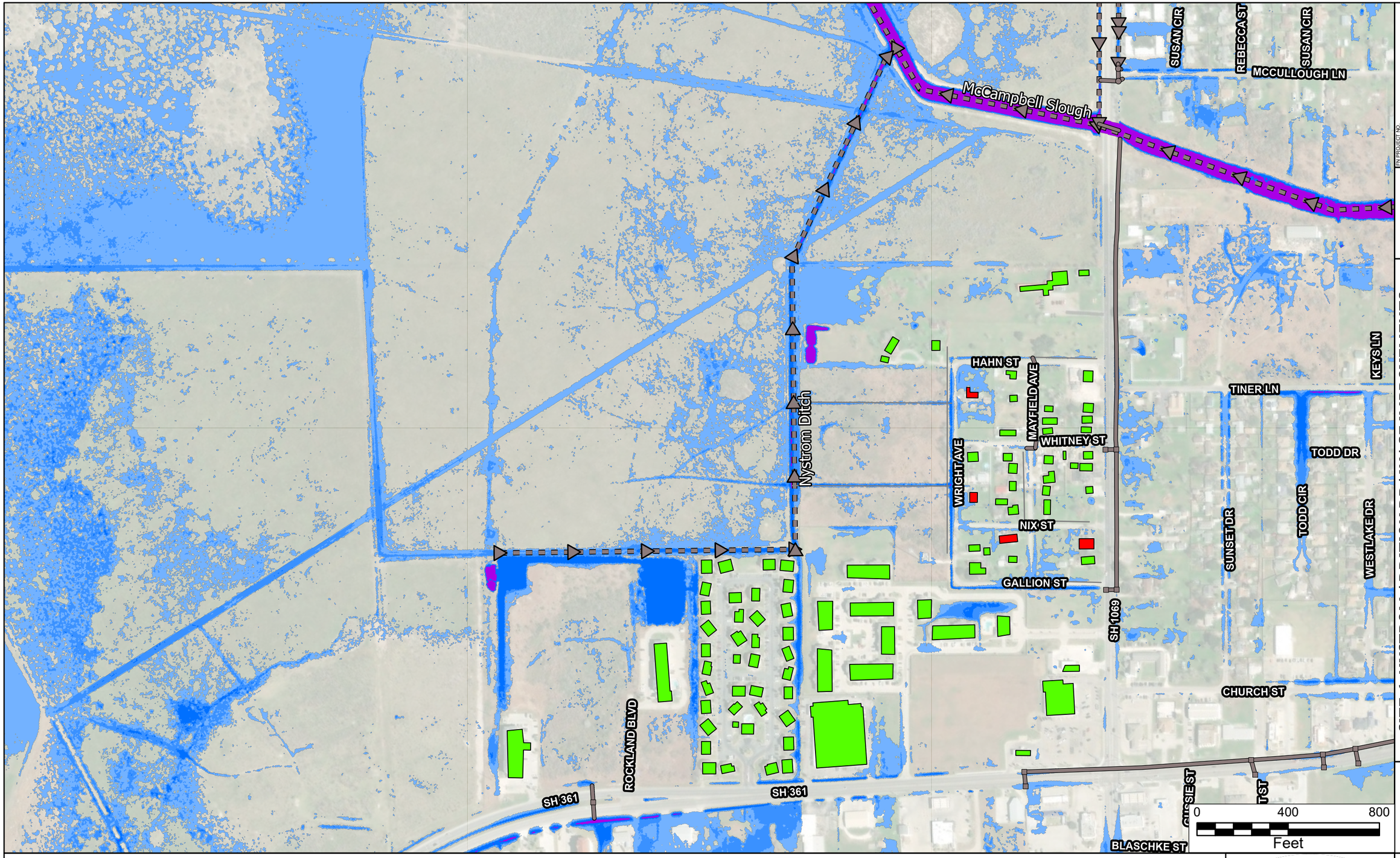
PROPOSED IMPROVEMENTS INUNDATION MAP

FREESE AND NICHOLS, INC.
800 N SHORELINE BLVD
SUITE 1600N
CORPUS CHRISTI, TX 78401
PHONE: (361) 561-6500

City Of Ingleside

FIGURE

4B



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Proposed Infrastructure
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- Channel / Culvert Removal
- Detention Pond
- Ingleside City Limit

FN PROJECT NO: ING21605
DATE CREATED: Date: 2/28/2024
DATUM & COORDINATE SYSTEM: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
FILE NAME: Name: Ingleside2
PREPARED BY: EME

EXISTING CONDITIONS INUNDATION MAP

SITE 6: NYSTROM ADDITION DRAINAGE IMPROVEMENTS

FREESE AND NICHOLS, INC.
800 N SHORELINE BLVD
SUITE 1600N
CORPUS CHRISTI, TX 78401
PHONE: (361) 561-6500

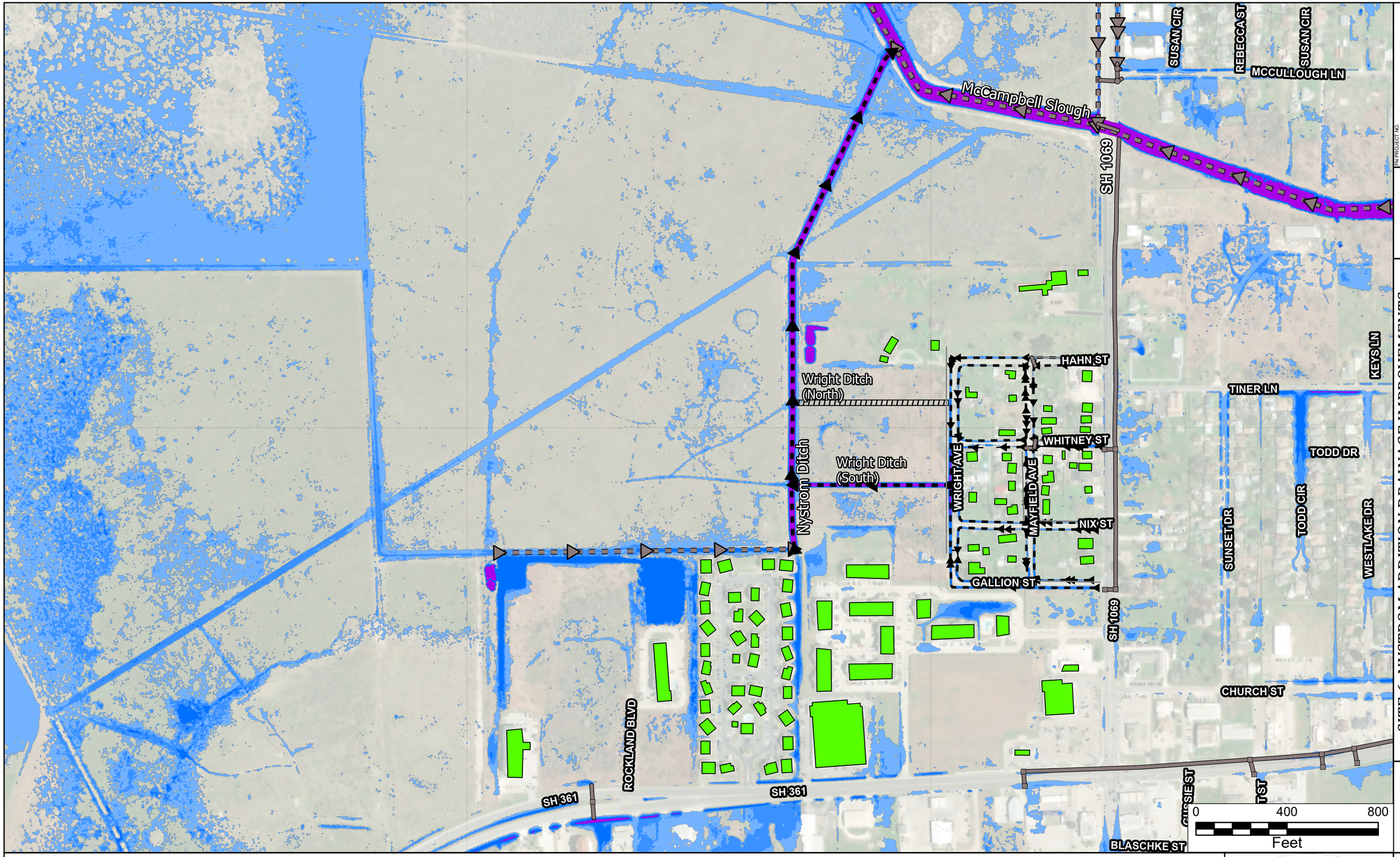
City Of Ingleside

FIGURE
5A

PROPOSED IMPROVEMENTS INUNDATION MAP

SITE 6: NYSTROM ADDITION DRAINAGE IMPROVEMENTS

FN PROJECT NO.	ING21605
DATE CREATED	Date: 2/28/2024
DATUM & COORDINATE SYSTEM	NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
FILE NAME	Name: Ingleside2
PREPARED BY	EME



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Proposed Infrastructure
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- Channel / Ditch

- Channel / Culvert Removal
- Detention Pond
- Ingleside City Limit

FREESE AND NICHOLS, INC.
800 N SHORELINE BLVD
SUITE 1600N
CORPUS CHRISTI, TX 78401
PHONE: (361) 561-6500

City Of Ingleside

FIGURE
5B

HULTGREEN AVE
HILLCREST DR
CAPEHEART
E WIND ST
TIMBERLEAF CIR
TIMBERLEAF DR
SPRING PARK DR
ACHIEVEMENT BLVD
8TH ST
Live Oak Ditch
BELAIR AVE
BREEZEWAY CIR
ZEPHYR CIR
W WIND CIR
CAPEHEART CIR
LEE LN
GLENWOOD DR
Kinney Bayou
BALBOA AVE
MEADOW DR
BAYWOOD DR
SH 1069
PORT AVE
PALM DESERT DR
POINT LOMA DR
PEBBLE BEACH DR
PARKVIEW PL
CIR
RIDGEWOOD
CORONADO DR
NORTH ST
Live Oak Ditch

FIN PROJECT NO. ING21605
DATE CREATED Date: 2/28/2024
DATUM & COORDINATE SYSTEM NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
FILE NAME Name: Ingleside2
PREPARED BY EME

N
W E
S

SITE 7: PARKSIDE TERRACE SUBDIVISION
DRAINAGE IMPROVEMENTS

EXISTING CONDITIONS INUNDATION MAP

0 300 600
Feet

FREESE AND NICHOLS, INC.
800 N SHORELINE BLVD
SUITE 1600N
CORPUS CHRISTI, TX 78401
PHONE: (361) 561-6500

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Proposed Infrastructure
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- Manhole
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- Channel / Culvert Removal
- Detention Pond
- Ingleside City Limit

City Of Ingleside

FIGURE
6A

HULTGREEN AVE
HILLCREST DR
CAPEHEART
E WIND ST
TIMBERLEAF CIR
TIMBERLEAF DR
SPRING PARK DR
8TH ST
ACHIEVEMENT BLVD
Live Oak Ditch
BELAIR AVE
BREEZEWAY CIR
ZEPHYR CIR
W WIND CIR
CAPEHEART CIR
LEE LN
GLENWOOD DR
Kinney Bayou
BALBOA AVE
POINTMAR DR
MEADOW DR
BAYWOOD DR
PALM DESERT DR
PEBBLE BEACH DR
PARKVIEW PL
CIR
RIDGEWOOD
SH 1069
PORT AVE
CORONADO DR
NORTH ST
Live Oak Ditch

0 300 600
Feet

N
W E
S

FIN PROJECT NO. ING21605
DATE CREATED Date: 2/28/2024
DATUM & COORDINATE SYSTEM NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
FILE NAME Name: Ingleside2
PREPARED BY EME

SITE 7: PARKSIDE TERRACE SUBDIVISION DRAINAGE IMPROVEMENTS

PROPOSED IMPROVEMENTS INUNDATION MAP

FREESE AND NICHOLS, INC.
800 N SHORELINE BLVD
SUITE 1600N
CORPUS CHRISTI, TX 78401
PHONE: (361) 561-6500

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- Inlet
- Manhole
- Underground Stormwater System / Culverts
- Channel / Ditch

Proposed Infrastructure
- Inlet
- Manhole
- Underground Stormwater System / Culverts
- Channel / Ditch

- Channel / Culvert Removal
- Detention Pond
- Ingleside City Limit

City Of Ingleside

FIGURE
6B

CHURCH ST
N.O. Simmons Ditch
SH 361
EAST ST
SWEETBAY DR
SABAL DR
JENICA WEST DR
LAKEVIEW SOUTH DR
JENICA DR
Union Pacific Ditch
SECOY ST
HOLMAN ST
MUNSON ST
HARGUS ST
AVENUE G
Scott CIR
AVENUE J
BUCKEYE DR
FIRST ST
AVENUE D
SECOND ST
AVENUE D
AVE E
AVENUE F
AVENUE H
AVENUE I
AVENUE K
BIG OAK LN
SHADY OAK LN
JONES ST
THIRD ST
0
250
500
Feet

Depth (5-Year Storm Event)
(24 hr Rainfall Depth = 6.42 in)
- < 6" (0.5')
- 6" - 12" (0.5' - 1.0')
- 12" - 18" (1.0' - 1.5')
- 18" - 30" (1.0' - 2.5')
- 30" - 60" (2.5' - 5.0')
- 60" - 91.2" (5.0' - 7.6')

Inundation Status
- Not Inundated (0 - 0.5')
- Potentially Inundated (> 0.5')

Existing Infrastructure
- Inlet
- Manhole
- Underground Stormwater System / Culverts
- Channel / Ditch

Proposed Infrastructure
- Inlet
- Manhole
- Underground Stormwater System / Culverts
- Channel / Ditch
- Channel / Culvert Removal
- Detention Pond
- Ingleside City Limit

FN PROJECT NO: ING21605
DATE CREATED: Date: 2/28/2024
DATUM & COORDINATE SYSTEM: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
FILE NAME: Name: Ingleside2
PREPARED BY: EME

SITE 8: VILLANOVA PLACE DRAINAGE IMPROVEMENTS
EXISTING CONDITIONS INUNDATION MAP

FREESE AND NICHOLS, INC.
800 N SHORELINE BLVD
SUITE 1600N
CORPUS CHRISTI, TX 78401
PHONE: (361) 561-6500

City Of Ingleside

FIGURE
7A

CHURCH ST
N.O. Simmons Ditch
SH 361
EAST ST
SWEETBAY DR
SABAL DR
JENICA WEST DR
LAKEVIEW SOUTH DR
JENICA DR
Union Pacific Ditch
SECOY ST
HOLMAN ST
MUNSON ST
HARGUS ST
Scott CIR
AVENUE J
BUCKEYE DR
FIRST ST
AVENUE D
AVENUE G
SECOND ST
BIG OAK LN
SHADY OAK LN
AVENUE K
JONES ST
AVENUE E
AVENUE F
AVENUE H
THIRD ST
AVENUE I

0 250 500
Feet

Depth (5-Year Storm Event)
(24 hr Rainfall Depth = 6.42 in)
- < 6" (0.5')
- 6" - 12" (0.5' - 1.0')
- 12" - 18" (1.0' - 1.5')
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- Potentially Inundated (> 0.5')

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- Manhole
- Underground Stormwater System / Culverts
- Channel / Ditch

Proposed Infrastructure
- Inlet
- Manhole
- Underground Stormwater System / Culverts
- Channel / Ditch

- Channel / Culvert Removal
- Detention Pond
- Ingleside City Limit

FN PROJECT NO. ING21605
DATE CREATED Date: 2/28/2024
DATUM & COORDINATE SYSTEM NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
FILE NAME Name: Ingleside2
PREPARED BY EME

N
W E
S

PROPOSED IMPROVEMENTS
SITE 8: VILLANOVA PLACE DRAINAGE IMPROVEMENTS INUNDATION MAP

FREESE AND NICHOLS, INC.
800 N SHORELINE BLVD
SUITE 1600N
CORPUS CHRISTI, TX 78401
PHONE: (361) 561-6500

City Of Ingleside

FIGURE
7B

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SAN ANTONIO AVE
SAN ANGELO AVE
MUSTANG DR
WACO ST
AMARILLO ST
EL PASO AVE
DALLAS AVE
OKLAHOMA AVE
TEXAS AVE
ARKANSAS ST
AVE B
Avenue B Ditch
SEVENTH ST
SIXTH ST
AVENUE C
FIFTH ST
FOURTH ST
SH 1069
THIRD ST
AVENUE D

0 200 400
Feet

Depth (5-Year Storm Event)
(24 hr Rainfall Depth = 6.42 in)
- < 6" (0.5')
- 6" - 12" (0.5' - 1.0')
- 12" - 18" (1.0' - 1.5')
- 18" - 30" (1.0' - 2.5')
- 30" - 60" (2.5' - 5.0')
- 60" - 91.2" (5.0' - 7.6')

Inundation Status
- Not Inundated (0 - 0.5')
- Potentially Inundated (> 0.5')

Existing Infrastructure
- Inlet
- Manhole
- Underground Stormwater System / Culverts
- Channel / Ditch

Proposed Infrastructure
- Inlet
- Manhole
- Underground Stormwater System / Culverts
- Channel / Ditch

- Channel / Culvert Removal
- Detention Pond
- Ingleside City Limit

FN PROJECT NO. ING21605
DATE CREATED Date: 2/28/2024
DATUM & COORDINATE SYSTEM NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
FILE NAME Name: Ingleside2
PREPARED BY EME

SITE 9: HUMBLE ADDITION AND AVENUE B DRAINAGE IMPROVEMENTS
EXISTING CONDITIONS INUNDATION MAP

FREESE AND NICHOLS, INC.
800 N SHORELINE BLVD
SUITE 1600N
CORPUS CHRISTI, TX 78401
PHONE: (361) 561-6500

City Of Ingleside

FIGURE
8A

Date Saved: 2/28/2024 10:40 AM
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TEXAS AVE
SAN ANTONIO AVE
WACO ST
SAN ANGELO AVE
MUSTANG DR
AMARILLO ST
EL PASO AVE
DALLAS AVE
OKLAHOMA AVE
ARKANSAS ST
AVE B
Avenue B Ditch
FOURTH ST
SH 1069
AVENUE C
SIXTH ST
FIFTH ST
THIRD ST
SEVENTH ST
AVENUE D

0 200 400
Feet

Depth (5-Year Storm Event)
(24 hr Rainfall Depth = 6.42 in)
- < 6" (0.5')
- 6" - 12" (0.5' - 1.0')
- 12" - 18" (1.0' - 1.5')
- 18" - 30" (1.0' - 2.5')
- 30" - 60" (2.5' - 5.0')
- 60" - 91.2" (5.0' - 7.6')

Inundation Status
- Not Inundated (0 - 0.5')
- Potentially Inundated (> 0.5')

Existing Infrastructure
- Inlet
- Manhole
- Underground Stormwater System / Culverts
- Channel / Ditch

Proposed Infrastructure
- Inlet
- Manhole
- Underground Stormwater System / Culverts
- Channel / Ditch
- Channel / Culvert Removal
- Detention Pond
- Ingleside City Limit

FN PROJECT NO. ING21605
DATE CREATED Date: 2/28/2024
DATUM & COORDINATE SYSTEM NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
FILE NAME Name: Ingleside2
PREPARED BY EME

PROPOSED IMPROVEMENTS INUNDATION MAP

SITE 9: HUMBLE ADDITION AND AVENUE B DRAINAGE IMPROVEMENTS

FREESE AND NICHOLS, INC.
800 N SHORELINE BLVD
SUITE 1600N
CORPUS CHRISTI, TX 78401
PHONE: (361) 561-6500

City Of Ingleside

FIGURE
8B

AVENUE B
Avenue B Ditch
Avenue G Ditch
POINSETTA PL
HENRIETTA PL
8TH ST
SIXTH ST
GREENBRIAR DR
AVENUE A
ALANA LN
GARZA AVE
HEWLETT DR
BISHOP RD
DANFORTH LN
FOURTH ST
HULTGREEN AVE
TIMBERLEAF DR
SPRING PARK DR
GLENWOOD DR
LEE LN
MEADOW DR
CAPEHEART
E WIND ST
W WIND CIR
ZEPHYR CIR
BELAIR AVE
BAYWOOD DR
CORONADO DR
Parkview Ditch
SIXTH ST
Kinney Bayou
Live Oak Ditch
ELIZABETH ST
PORT AVE
PARK RD
SHERRY AVE
PARKVIEW PL
VERA LN
SHARON ST
SH 1069
FM 2725

0 750 1,500
Feet

N
W E
S

FIN PROJECT NO. ING21605
DATE CREATED Date: 2/28/2024
DATUM & COORDINATE SYSTEM NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
FILE NAME Name: Ingleside2
PREPARED BY EME

SITE 10: LIVE OAK DITCH
EXISTING CONDITIONS INUNDATION MAP

Depth (5-Year Storm Event)
(24 hr Rainfall Depth = 6.42 in)
- < 6" (0.5')
- 6" - 12" (0.5' - 1.0')
- 12" - 18" (1.0' - 1.5')
- 18" - 30" (1.0' - 2.5')
- 30" - 60" (2.5' - 5.0')
- 60" - 91.2" (5.0' - 7.6')

Inundation Status
- Not Inundated (0 - 0.5')
- Potentially Inundated (> 0.5')

Existing Infrastructure
- Inlet
- Manhole
- Underground Stormwater System / Culverts
- Channel / Ditch

Proposed Infrastructure
- Inlet
- Manhole
- Underground Stormwater System / Culverts
- Channel / Ditch

- Channel Removal
- Detention Pond
- Ingleside City Limit

FREESE AND NICHOLS, INC.
800 N SHORELINE BLVD
SUITE 1600N
CORPUS CHRISTI, TX 78401
PHONE: (361) 561-6500

City Of Ingleside

FIGURE
9A

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AVENUE B
Avenue B Ditch
Avenue G Ditch
POINSETTA PL
HENRIETTA PL
8TH ST
SIXTH ST
GREENBRIAR DR
AVENUE A
ALANA LN
GARZA AVE
HEWLETT DR
BISHOP RD
DANFORTH LN
FOURTH ST
HULTGREEN AVE
TIMBERLEAF DR
SPRING PARK DR
GLENWOOD DR
LEE LN
CAPEHEART
E WIND ST
W WIND CIR
ZEPHYR CIR
BELAIR AVE
MEADOW DR
BAYWOOD DR
CORONADO DR
Parkview Ditch
SIXTH ST
SH 1069
Kinney Bayou
Live Oak Ditch
ELIZABETH ST
PORT AVE
PARK RD
SHERRY AVE
PARKVIEW PL
VERA LN
SHARON ST
FM 2725

0 750 1,500
Feet

N
W E
S

FIN PROJECT NO. ING21605
DATE CREATED Date: 2/28/2024
DATUM & COORDINATE SYSTEM NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
FILE NAME Name: Ingleside2
PREPARED BY EME

SITE 10: LIVE OAK DITCH
PROPOSED IMPROVEMENTS INUNDATION MAP

FREESE AND NICHOLS, INC.
800 N SHORELINE BLVD
SUITE 1600N
CORPUS CHRISTI, TX 78401
PHONE: (361) 561-6500

Depth (5-Year Storm Event)
(24 hr Rainfall Depth = 6.42 in)
- < 6" (0.5')
- 6" - 12" (0.5' - 1.0')
- 12" - 18" (1.0' - 1.5')
- 18" - 30" (1.0' - 2.5')
- 30" - 60" (2.5' - 5.0')
- 60" - 91.2" (5.0' - 7.6')

Inundation Status
- Not Inundated (0 - 0.5')
- Potentially Inundated (> 0.5')

Existing Infrastructure
- Inlet
- Manhole
- Underground Stormwater System / Culverts
- Channel / Ditch

Proposed Infrastructure
- Inlet
- Manhole
- Underground Stormwater System / Culverts
- Channel / Ditch
- Berm
- Channel Removal
- Detention Pond

Ingleside City Limit

City Of Ingleside

FIGURE
9B

Date Saved: 2/28/2024 10:40 AM

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APPENDIX C
ONE-PAGE CIP SUMMARY SHEETS

City of Ingleside

Capital Improvements Plan

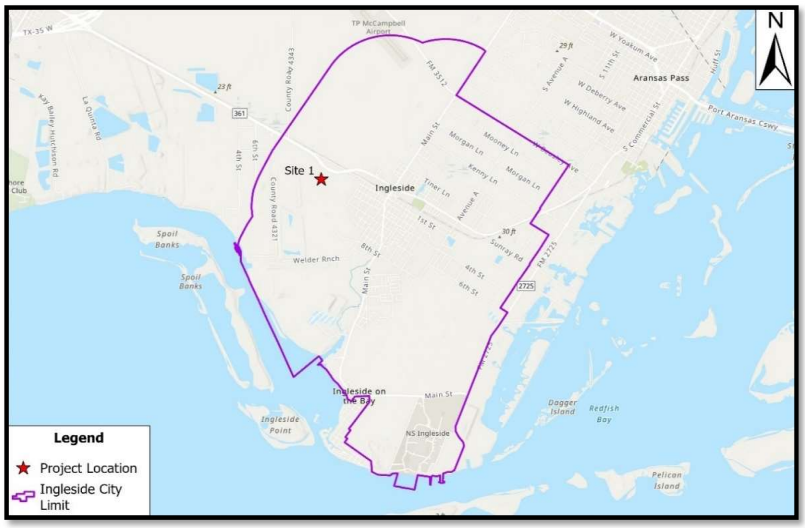
Project Summary Information:

Project ID:	1	Date:	3/5/2024
Project Name:	Site 1: Humble Ditch Improvements		
Project Type:	Channel	# Structures Impacted Pre-Project:	37
Easements Required?	No	# Structures Impacted Post-Project:	36

Existing Problem:

West Main Street experiences flooding that overtops the road and limits access to and from the adjacent business, including the Humble Youth Center, during even the smaller storm events. City staff has indicated that cars driving along West Main Street cause waves that send water into the Humble Youth Center building. Flooding issues in the West Main Street area are exacerbated due to backflow in the upstream section of the Humble Ditch. Water near the Humble Youth Center also seems to be relatively isolated from the drainage systems which causes lack of flow and ponding along West Main Street. These flooding issues can result in road and building damage.

Design Improvements Schematic:



Project Cost Information:

Design	$1,334,073
Permitting	$0
Construction	$8,893,815
Total	**$10,227,900**

Proposed Improvements:

Improve approximately 5000 linear feet of the Humble Ditch, including regrading the ditch from the south edge of SH 361 to approximately halfway between the Dredge Material Placement Area (DMPA) cells, and concrete lining the channel. These improvements will allow the Humble ditch to flow in the original intended direction and relieve some ponding in between SH 361 and West Main Street. The proposed improvements do not entirely prevent ponding along West Main Street, but improving the drainage downstream of the problem area does reduce the amount of time ponding occurs along West Main Street. Based on existing conditions, improving the Humble Ditch cannot entirely alleviate the flooding at the Humber Youth Center, so flood protection systems for the building itself should be considered to prevent water damage to the building.

Summary of Project Benefits:

- Number of Structures Removed from Potential Inundation Risk: 1
- Reduction in Flood Depth: 2.64 inches
- Impassible Road Length (>5" Depth) Reduction: 369 feet

Weight	CIP Ranking Criteria	Score
0.30	Life and Safety	2
0.25	Property Damage	5
0.20	Road Level of Service	0
0.15	Planning Linkages	5
0.10	Project Cost	1
	Total Weighted Point Score:	2.70
	CIP Rank:	6

Notes:

The San Patricio County Drainage District (SPCDD) is responsible for channel maintenance and improvements on the Humble Ditch; project coordination with SPCDD will be required. Locations of other utilities in the area should be confirmed to ensure no conflicts with the proposed drainage improvements. Several oil and gas pipelines and a major water transmission line cross the Humble Ditch at unknown depths. Coordination with the private and public pipeline owners will be required during project development and construction. No permitting requirements are anticipated.

City of Ingleside

Capital Improvements Plan

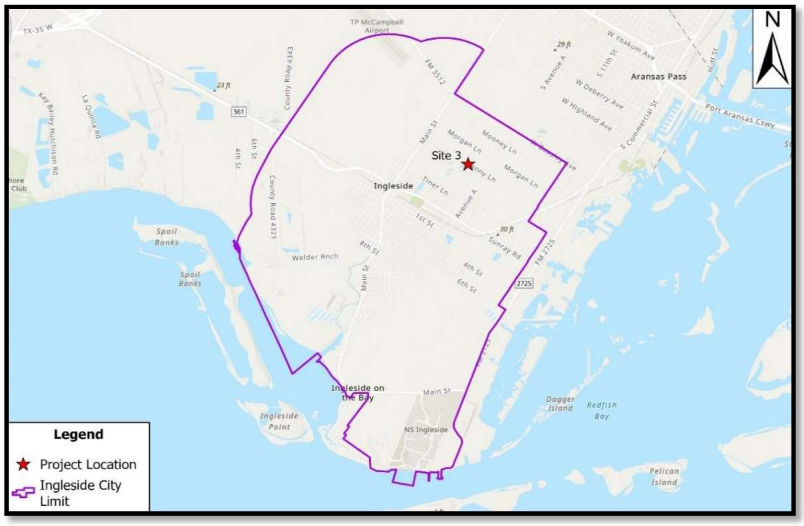
Project Summary Information:

Project ID:	2	Date:	3/5/2024
Project Name:	Site 3: Kenny Lane/Whitney Lake Infrastructure		
Project Type:	Storm Sewer	# Structures Impacted Pre-Project:	8
Easements Required?	No	# Structures Impacted Post-Project:	7

Existing Problem:

Residential properties along Kenny Lane are flooding during even small storm events. Additionally, Kenny Lane experiences roadway overtopping during the 100-year or larger storm events. There are no existing roadside ditches and only one property on Kenny Lane has a driveway culvert. Existing cross culverts are limited and undersized due to lack of cover. Flooding events can limit residents' ability to leave their homes, pose a safety concern if emergency services are unable to safely access these residences, and can cause damage to pavement over time due to repeated inundation.

Design Improvements Schematic:

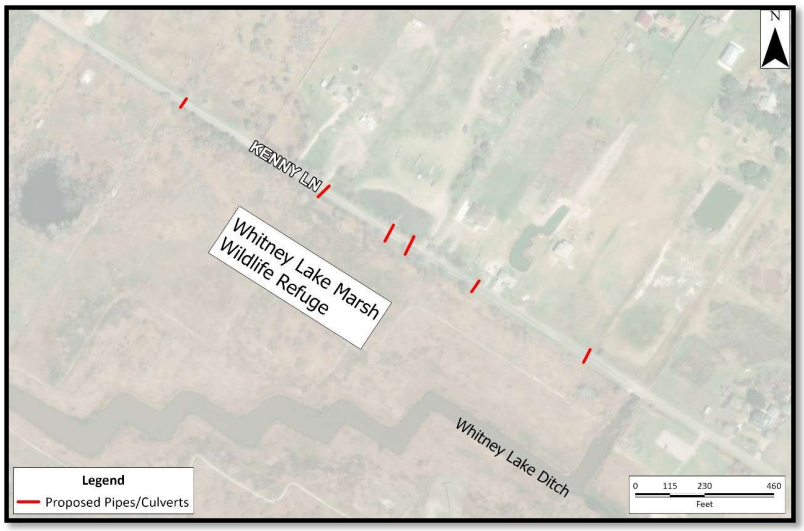


Project Cost Information:

Design	$372,923
Permitting	$0
Construction	$2,486,150
Total	**$2,859,100**

Proposed Improvements:

Proposed improvements in the Kenny Lane Construction Plans provided by the City were modeled. This includes approximately 440 linear feet of 15" reinforced concrete pipe (RCP) culverts along Kenny Lane to provide flow from the north side to the south side of Kenny Lane. Additional alternatives were analyzed to determine if further improvements were warranted, but none proved to be substantially more effective than the improvements already included in the Kenny Lane Construction Plans.



Summary of Project Benefits:

- Number of Structures Removed from Potential Inundation Risk: 1
- Reduction in Flood Depth: 2.64 inches
- Impassible Road Length (>5" Depth) Reduction: 0 feet

Weight	CIP Ranking Criteria	Score
0.30	Life and Safety	3
0.25	Property Damage	2
0.20	Road Level of Service	3
0.15	Planning Linkages	5
0.10	Project Cost	2
	Total Weighted Point Score:	2.96
	CIP Rank:	3

Notes:

The proposed improvements have already been incorporated into the Kinney Lane Construction Plans. No utility conflicts are anticipated, and no drainage easement acquisition or permitting is required.

City of Ingleside

Capital Improvements Plan

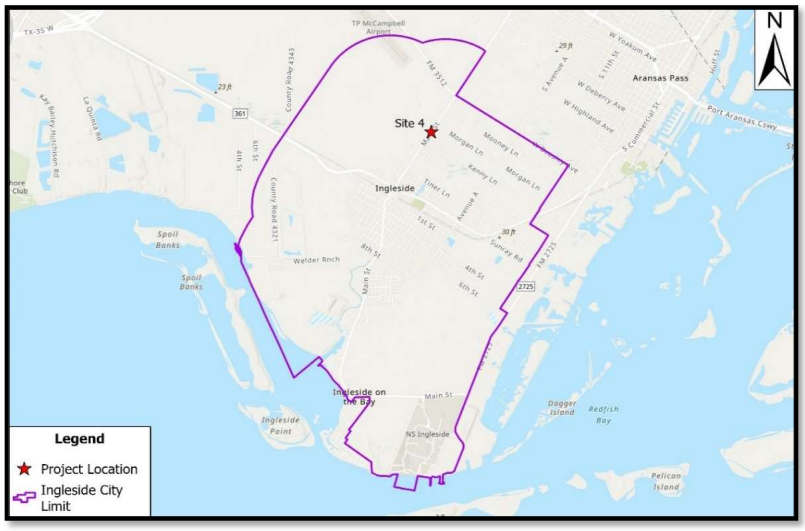
Project Summary Information:

Project ID:	3	Date:	3/5/2024
Project Name:	Site 4: SH 1069 Drainage Improvements - McCampbell Slough to Mooney Lane		
Project Type:	Storm Sewer, Channel, & Detention	# Structures Impacted Pre-Project:	16
Easements Required?	Yes	# Structures Impacted Post-Project:	12

Existing Problem:

State Highway 1069 (SH 1069) is acting as a barrier that causes water surface elevations to rise on the east side of the highway, resulting in inundation of properties east of SH 1069 between McCampbell Slough and Mooney Lane. The ponding caused by the road can lead to lack of accessibility to the properties in the area, pose a safety concern if emergency services are unable to safely access inundated properties, and could potentially result in damage to structures. Existing cross culverts and roadside ditches on either side of SH 1069 do not have enough capacity to efficiently move flow to McCampbell Slough.

Design Improvements Schematic:

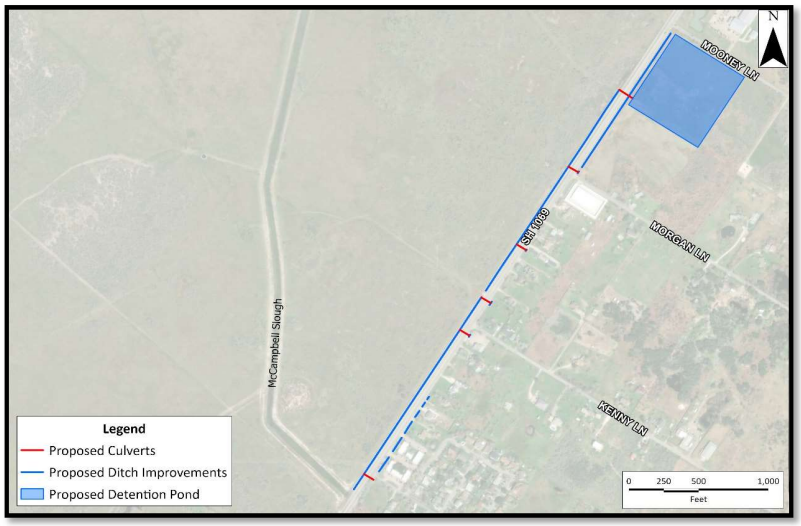


Project Cost Information:

Design	$2,063,421
Permitting	$50,000
Construction	$13,756,136
Total	**$15,869,600**

Proposed Improvements:

Construct approximately 3452 linear feet of 4-ft bottom width, concrete-lined roadside ditch along the west side of SH 1069 and 1610 linear feet of 3-ft bottom width grass-lined ditch improvements along the east side. Culverts to move water from east to west of SH 1069 will be placed in strategic locations. Ditches on the east side of the road will be graded to send flow to the cross culverts. The west ditch will be graded to send flow from the cross culverts to McCampbell Slough. A detention pond is also recommended on the corner of SH 1069 and Mooney Lane due to the general lack of flow in the area. A gravity drained detention pond would not be deep enough to provide significant drainage benefits; therefore, a pumped detention pond is proposed for this site.



Summary of Project Benefits:

- Number of Structures Removed from Potential Inundation Risk: 4
- Reduction in Flood Depth: 4.56 inches
- Impassible Road Length (>5" Depth) Reduction: 22 feet

Weight	CIP Ranking Criteria	Score
0.30	Life and Safety	2
0.25	Property Damage	3
0.20	Road Level of Service	5
0.15	Planning Linkages	0
0.10	Project Cost	1
	Total Weighted Point Score:	2.45
	CIP Rank:	7

Notes:

Coordination with and project approval by TxDOT will be required. Land acquisition for the proposed detention pond will be required. Need to confirm during design that proposed improvements along SH 1069 can be constructed within the TxDOT ROW, or if additional drainage easements will need to be obtained from adjacent property owners. Locations of other utilities in the area should be confirmed to ensure no conflicts with the proposed drainage improvements. A USACE Nationwide Permit (NWP 43) may be required for this project and should be confirmed during final design. Phasing of this project could be considered starting with the most downstream portions of the project.

- Phase 1 – Roadside ditch improvements and culverts crossing SH 1069
- Phase 2 – Detention pond

City of Ingleside

Capital Improvements Plan

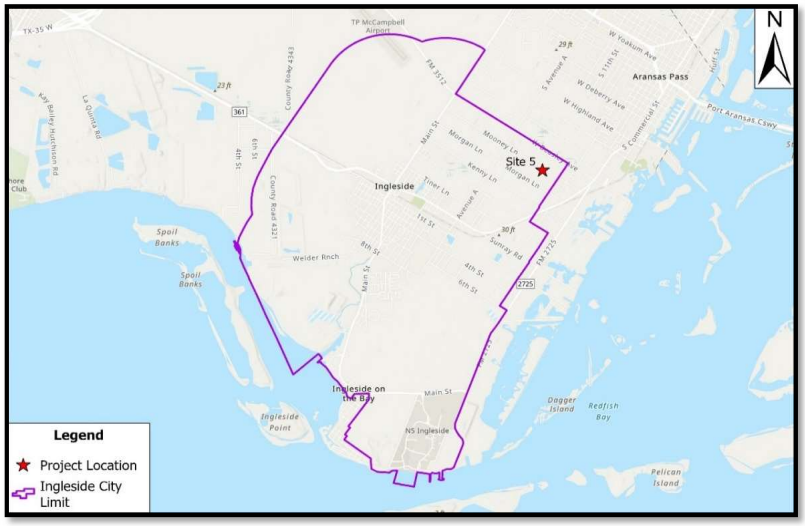
Project Summary Information:

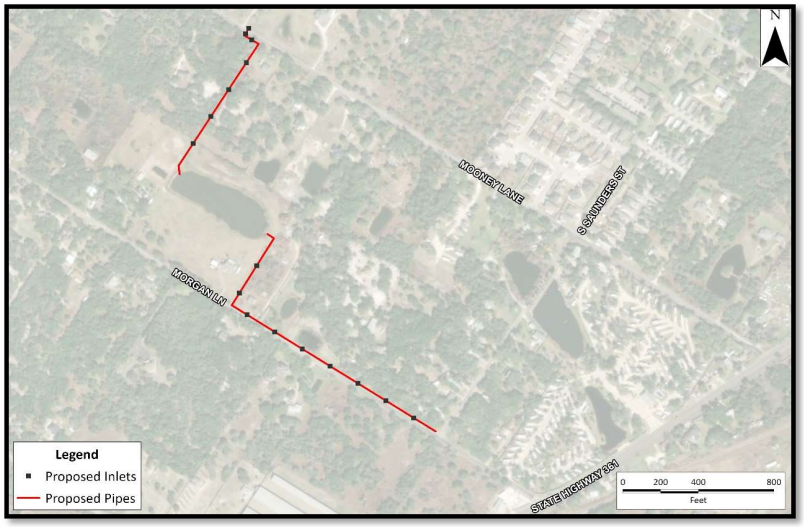
Project ID:	4	Date:	3/5/2024
Project Name:	Site 5: Mooney/Morgan Long-Term Ponding – Avenue A to Saunders Street		
Project Type:	Storm Sewer and Channel	# Structures Impacted Pre-Project:	3
Easements Required?	Yes	# Structures Impacted Post-Project:	3

Existing Problem:

Stormwater is ponding on residential lots on both sides of Mooney Lane between Avenue A and South Saunders Street. Water stands on the lots for extended periods of time even after most areas have drained. This creates potential health concerns and inconveniences for nearby homeowners.

Design Improvements Schematic:





Project Cost Information:

Design	$133,006
Permitting	$0
Construction	$886,703
Total	**$1,019,800**

Proposed Improvements:

Construct approximately 2585 linear feet of 15” PVC pipe to connect flow from the ponded areas north of Mooney Lane to the existing pond south of Mooney Lane. An outfall pipe will be added to the pond south of Mooney Lane, which will drain to an existing TxDOT or City of Aransas Pass inlet near the intersection of Morgan Lane and South Saunders Street, which appears to drain along Morgan Lane to a TxDOT culvert under SH 361. Grate or post inlets will be installed along the new pipes at an interval of 175 ft to help drain the area.

Summary of Project Benefits:

- Number of Structures Removed from Potential Inundation Risk: 0
- Reduction in Flood Depth: 19.32 inches
- Impassible Road Length (>5" Depth) Reduction: 113 feet

NOTE: These values are based on model results for the ponding that occurs after a storm event (storm water that is unable to drain off) instead of maximum extents during the storm event.

Weight	CIP Ranking Criteria	Score
0.30	Life and Safety	5
0.25	Property Damage	2
0.20	Road Level of Service	1
0.15	Planning Linkages	0
0.10	Project Cost	2
	Total Weighted Point Score:	2.40
	CIP Rank:	8

Notes:

To achieve the proposed improvements, drainage easements across private properties will be required. The proposed system ties into existing TxDOT or Aransas Pass infrastructure. Therefore, coordination with and project approval by TxDOT or Aransas Pass will be required. Locations of other utilities in the area should be confirmed to ensure no conflicts with the proposed drainage improvements. No permitting requirements are anticipated.

City of Ingleside

Capital Improvements Plan

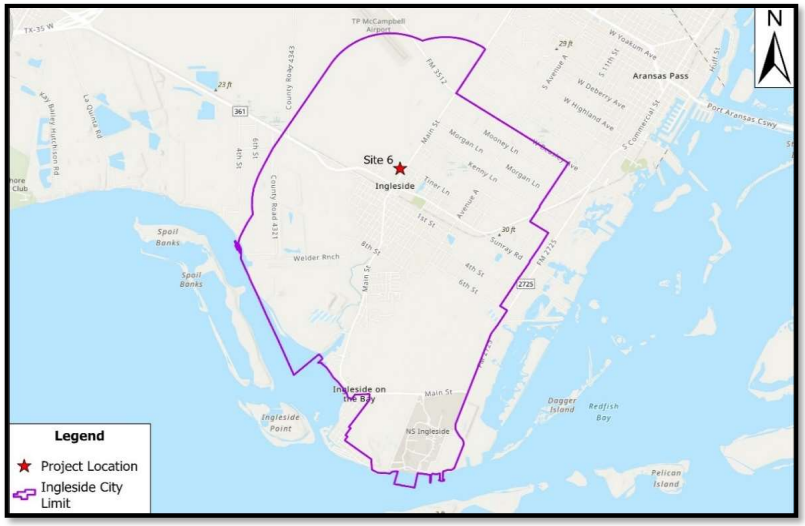
Project Summary Information:

Project ID:	5	Date:	3/5/2024
Project Name:	Site 6: Nystrom Addition Drainage Improvements		
Project Type:	Storm Sewer and Channel	# Structures Impacted Pre-Project:	4
Easements Required?	Yes	# Structures Impacted Post-Project:	0

Existing Problem:

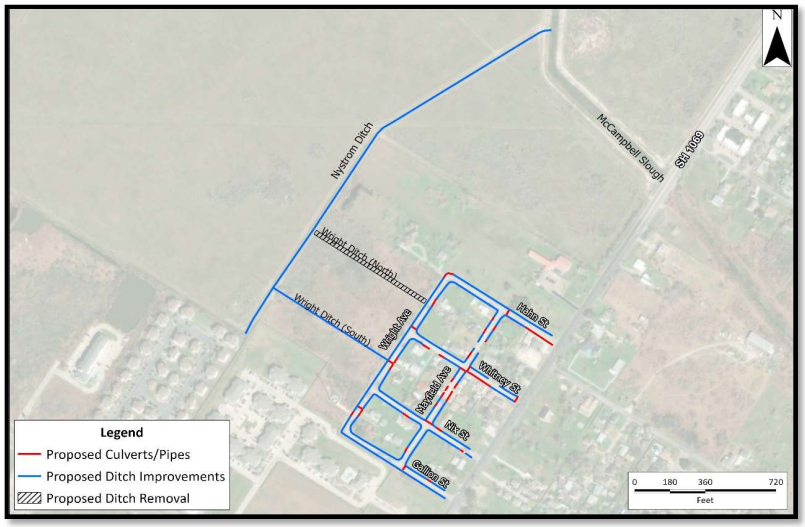
Residential properties in the Nystrom Addition neighborhood are flooding during even small storm events. Additionally, the neighborhood streets (Gallion Street, Wright Avenue, Hahn Street, Whitney Street, Nix Street, and Mayfield Avenue) experience overtopping during storm events. Existing roadside ditches throughout the neighborhood do not have enough capacity to efficiently move flow to the outfall ditches to the west, and the outfall ditches are also undersized. These instances of flooding can limit residents' ability to leave their homes during a flood event, pose a safety concern if emergency services are unable to safely access these residences, and can cause damage to pavement over time due to repeated inundation.

Design Improvements Schematic:



Project Cost Information:

Design	$361,799
Permitting	$50,000
Construction	$2,411,992
Total	**$2,823,800**



Proposed Improvements:

Construct approximately 7055 linear feet of grass lined roadside ditches throughout the neighborhood. Improve the outfall ditches to the west of the neighborhood by consolidating the two smaller ditches (Wright Ditch (North) & Wright Ditch (South)) into one larger ditch with sufficient capacity to drain the neighborhood. Wright Ditch (South) will be lowered by approximately 2' and widened (10-ft bottom width). For the Nystrom Ditch, 2288 linear feet will be lowered by approximately 2' and widened from a V-shaped ditch (no defined bottom width) to a bottom width of 20-ft. To move flow from the neighborhood ditches to the larger ditches, nine culverts will be added to allow stormwater to cross the neighborhood streets into the improved ditches. Driveway culvert improvements will also be required to achieve positive drainage within the neighborhood.

Summary of Project Benefits:

- Number of Structures Removed from Potential Inundation Risk: 4
- Reduction in Flood Depth: 2.52 inches
- Impassible Road Length (>5" Depth) Reduction: 59 feet

Weight	CIP Ranking Criteria	Score
0.30	Life and Safety	1
0.25	Property Damage	2
0.20	Road Level of Service	1
0.15	Planning Linkages	5
0.10	Project Cost	2
	Total Weighted Point Score:	1.95
	CIP Rank:	9

Notes:

A drainage easement for the Wright South Ditch will be required. Confirm during design that an appropriate drainage easement is in place for the Nystrom Ditch and that proposed improvements can be constructed within the existing easement. Coordination with SPCDD required for improvements at the connection of Nystrom Ditch into McCampbell Slough. Locations of other utilities in the area should be confirmed to ensure no conflicts with the proposed drainage improvements. A USACE Nationwide Permit (NWP 7, 18, or 58) may be required for this project and should be confirmed during final design. Phasing of this project should be considered.

- Phase 1 – Nystrom Ditch improvements
- Phase 2 – Wright Ditch improvements
- Phase 3 – Nystrom Addition neighborhood improvements (roadside ditches and culverts)

City of Ingleside

Capital Improvements Plan

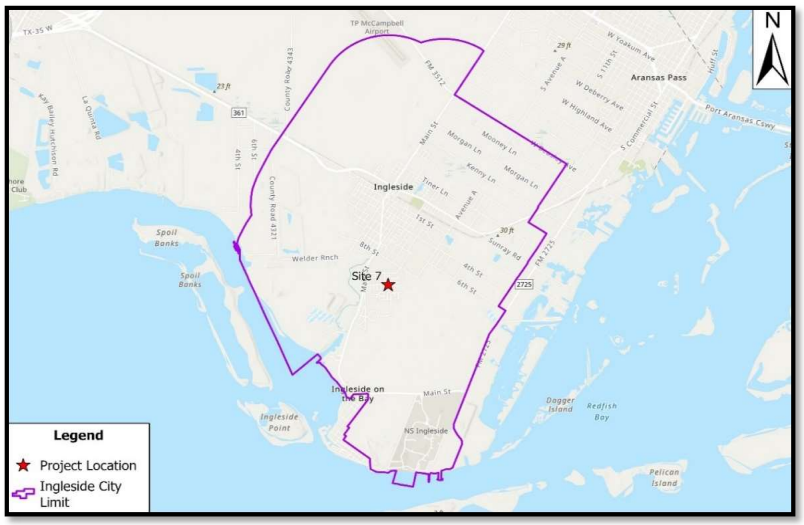
Project Summary Information:

Project ID:	6	Date:	3/5/2024
Project Name:	Site 7: Parkside Terrace Subdivision Drainage Improvements		
Project Type:	Storm Sewer	# Structures Impacted Pre-Project:	17
Easements Required?	No	# Structures Impacted Post-Project:	4

Existing Problem:

Residential properties in the Parkside Terrace Subdivision are flooding during even minor storm events. Additionally, the neighborhood streets, namely Coronado Drive, Ridgewood Circle, Parkview Place, Belair Avenue, and Timberleaf Circle, experience overtopping during storm events. The existing storm drain infrastructure does not have enough capacity to efficiently move flow south to Live Oak Ditch and more inlets are needed to capture flow. These instances of flooding can limit residents' ability to leave their homes during a flood event, poses a safety concern if emergency services are unable to safely access these residences, and can cause damage to pavement over time due to repeated inundation.

Design Improvements Schematic:

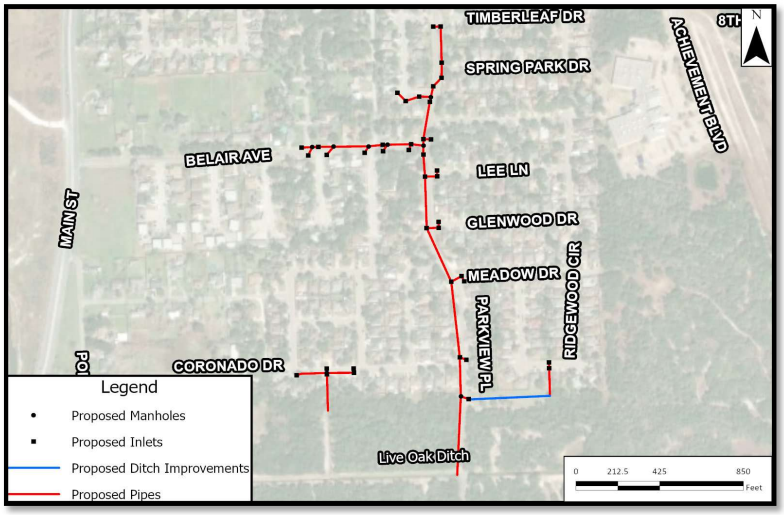


Project Cost Information:

Design	$1,193,322
Permitting	$0
Construction	$7,955,477
Total	**$9,148,800**

Proposed Improvements:

Proposed improvements include extending the main trunk line north on Parkview Place by approximately 190', west on Belair Ave by 620', and west on Timeberleaf Ave by 190', along with adding additional inlets on each street. The main trunk line would be upsized to RCBs ranging in size from 4' x 3' to 6' x 3 '. Approximately 290' of 3.5' x 2' RCB would be added on Coronado Street along with upsizing the existing pipes to be 3.5' x 2' RCB. The existing pipes on Ridgewood Circle would also be upsized to 3.5' x 2'. All inlets connected to the system would be 10' curb inlets.



Summary of Project Benefits:

- Number of Structures Removed from Potential Inundation Risk: 13
- Reduction in Flood Depth: 4.80 inches
- Impassible Road Length (>5" Depth) Reduction: 1,402 feet

Weight	CIP Ranking Criteria	Score
0.30	Life and Safety	3
0.25	Property Damage	3
0.20	Road Level of Service	1
0.15	Planning Linkages	5
0.10	Project Cost	1
	Total Weighted Point Score:	2.71
	CIP Rank:	5

Notes:

The Site 10 proposed improvements should be implemented prior to these Site 7 improvements for maximum benefit of the Site 7 project. If the Site 7 project is constructed prior to the Site 10 project, a lower level of benefit will be realized until the Site 10 improvements are implemented. No drainage easements are anticipated for this project, but existing easements should be confirmed during final design to verify no additional drainage easements or ROW will be required. Locations of other utilities in the area should be confirmed to ensure no conflicts with the proposed drainage improvements. No permitting requirements are anticipated. Phasing of this project could be considered.

- Phase 1 – Coronado Drive Improvements
- Phase 2 – Parkview Place Improvements
- Phase 3 – Ridgewood Circle Improvements

City of Ingleside

Capital Improvements Plan

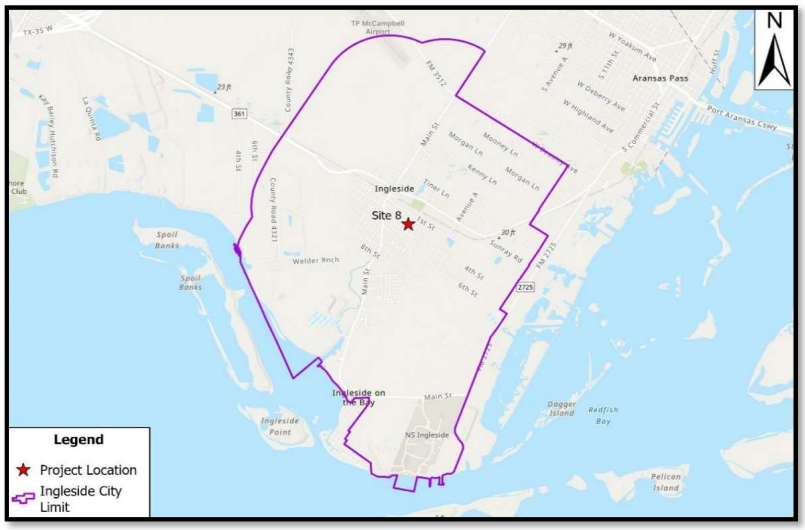
Project Summary Information:

Project ID:	7	Date:	3/5/2024
Project Name:	Site 8: Villanova Place Drainage Improvements		
Project Type:	Storm Sewer	# Structures Impacted Pre-Project:	180
Easements Required?	Yes	# Structures Impacted Post-Project:	147

Existing Problem:

Houses within the Villanova Place neighborhood are flooding heavily during small storm events. Additionally, the neighborhood streets (First Street, Second Street, Third Street, Avenue H, Avenue I, Avenue J, and Avenue K) experience overtopping during even minor storm events. Existing stormwater infrastructure throughout the neighborhood does not have enough capacity to efficiently move flow to the outfalls, and there isn't enough capacity at current neighborhood outfalls to hold the amount of water that is ponding. These instances of flooding can limit residents' ability to leave their homes during a flood event, poses a safety concern if emergency services are unable to safely access these residences, and can cause damage to pavement over time due to repeated inundation.

Design Improvements Schematic:

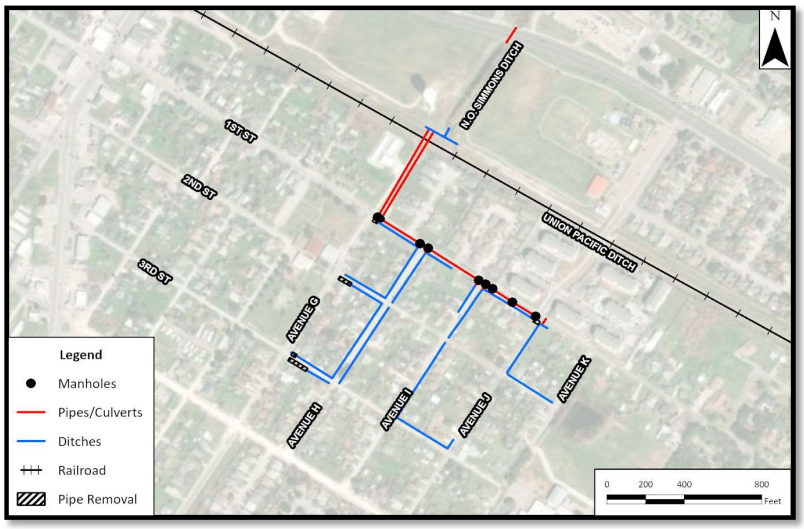


Project Cost Information:

Design	$1,314,131
Permitting	$0
Construction	$8,760,867
Total	**$10,075,000**

Proposed Improvements:

Proposed improvements include regrading roadside ditches along Ave H, Ave I, Ave J, First Street, Second Street, and Third Street; installation of a new underground stormwater system under First Street and Ave G; and installation of a new outfall into the north Union Pacific Ditch. This project would also add another underground stormwater system connecting to the existing Ave G underground system, and provide an additional outfall into the north Union Pacific Ditch. The purpose of the connection to the Ave G system is to provide a way for the system on Ave G to backflow to the north when the southern downstream system is overwhelmed, instead of overtopping and inundating the neighborhood streets and property. Finally, the outfall pipe that crosses under SH 361 will be upsized to allow more flow under the highway, reducing overtopping of the N.O. Simmons Ditch and the upstream systems.



Summary of Project Benefits:

- Number of Structures Removed from Potential Inundation Risk: 33
- Reduction in Flood Depth: 8.40 inches
- Impassible Road Length (>5" Depth) Reduction: 1,692 feet

Weight	CIP Ranking Criteria	Score
0.30	Life and Safety	4
0.25	Property Damage	5
0.20	Road Level of Service	1
0.15	Planning Linkages	0
0.10	Project Cost	1
	Total Weighted Point Score:	2.75
	CIP Rank:	4

Notes:

To achieve the proposed improvements, a drainage easement from the Union Pacific Railroad will be required. Coordination with and project approval by TxDOT for the proposed structures under SH 361 will be required. Availability of existing ROW or drainage easements should be confirmed during final design. Existing water and wastewater lines, including a wastewater force main, may cause potential conflicts during construction. Locations of all utilities should be confirmed during final design to ensure there are no conflicts with the proposed drainage improvements. No permitting requirements are anticipated. Phasing of this project should be considered starting with the most downstream portions of the project.

- Phase 1 – Culvert Improvements Under SH 361
- Phase 2 – Avenue G and First Street Underground System Additions
- Phase 3 - Neighborhood Ditch Improvements and Culvert Removals

City of Ingleside

Capital Improvements Plan

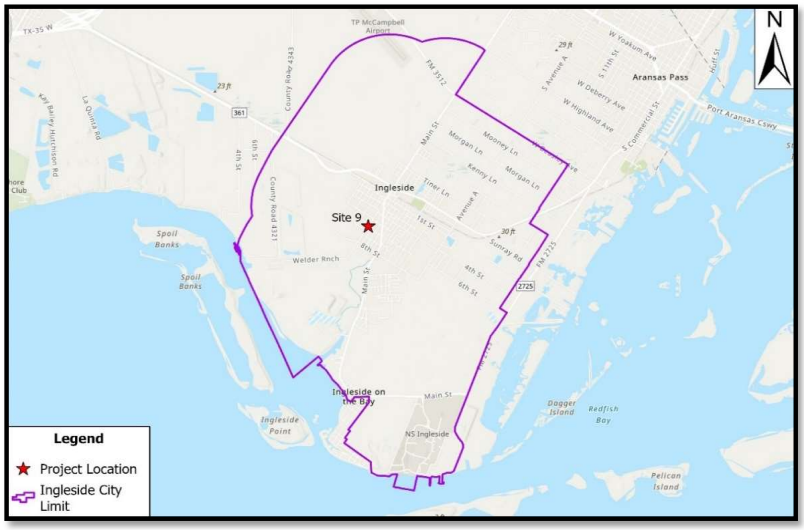
Project Summary Information:

Project ID:	8	Date:	3/5/2024
Project Name:	Site 9: Humble Addition and Avenue B Drainage Improvements		
Project Type:	Storm Sewer and Channel	# Structures Impacted Pre-Project:	19
Easements Required?	No	# Structures Impacted Post-Project:	16

Existing Problem:

Residential properties in the Humble Addition are experiencing inundation throughout the neighborhoods and local streets. Additionally, the neighborhood streets (Oklahoma Avenue, Texas Avenue, Arkansas Street, and Waco St) experience overtopping during even minor storm events. Existing roadside ditches throughout the neighborhood do not have enough capacity to efficiently move flow to stormwater pipes, resulting in ponding within the streets and could lead to flooding of homes. The convergence of the Avenue B outfall and the existing ditch south of Oklahoma overpowers the existing culverts downstream, leading to water spilling out and moving back north though the neighborhood. These instances of flooding can limit residents' ability to leave their homes during a flood event, poses a safety concern if emergency services are unable to safely access these residences, and can cause damage to pavement over time due to repeated inundation. There are also three schools located within or adjacent to the Humble Addition neighborhood. Reducing flood extents will provide a safer route to the schools for children that live in the neighborhood, or who cross through the neighborhood to get to school.

Design Improvements Schematic:

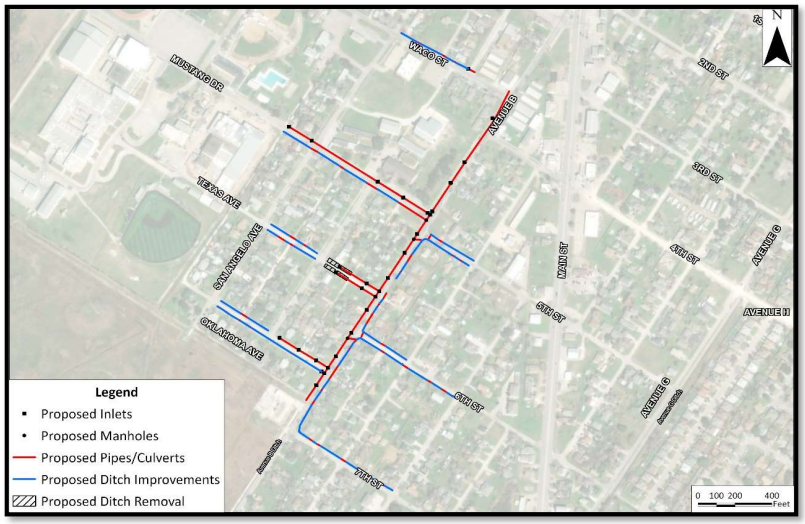


Project Cost Information:

Design	$699,422
Permitting	$0
Construction	$4,662,812
Total	**$5,362,300**

Proposed Improvements:

The main trunkline on Ave B will be upsized to pipes ranging from 36" RCP to 6' x 3' RCB. Laterals on Oklahoma Dr and Texas Ave will be extended and upsized to 24" to 36" RCPs. Ditches on 5th St, 6th St, and 7th St will be regraded to flow west into the Ave B trunkline, and 18" RCPs will be added crossing Ave B to connect the ditches to the main system. Ditches will also be regraded along Oklahoma Ave, Texas Ave, Mustang Dr, and Waco Street. Driveway culverts will be added or upsized where necessary to provide adequate capacity for water flowing through the ditches. A connection will be made from the existing Waco Street system to the new Ave B system so water from Waco Street can flow into the Ave B system or the Main Street system, which it is currently connected to, as system capacity is available.



Summary of Project Benefits:

- Number of Structures Removed from Potential Inundation Risk: 3
- Reduction in Flood Depth: 3.60 inches
- Impassible Road Length (>5" Depth) Reduction: 814 feet

Weight	CIP Ranking Criteria	Score
0.30	Life and Safety	3
0.25	Property Damage	3
0.20	Road Level of Service	3
0.15	Planning Linkages	5
0.10	Project Cost	1
	Total Weighted Point Score:	3.10
	CIP Rank:	2

Notes:

For the proposed improvements to continue to be beneficial for the neighborhood, any future development that will outfall into the Avenue B Ditch should be required to detain stormwater on site and release it at a rate equal to or less than existing conditions. If development is allowed to occur to the future buildout conditions anticipated in the Future Land Use plan without limiting stormwater runoff, the Avenue B Ditch becomes overburdened, and the proposed Humble Addition and Avenue B Drainage Improvements become ineffective. Locations of other utilities in the area should be confirmed to ensure no conflicts with the proposed drainage improvements. No permitting requirements are anticipated.

City of Ingleside

Capital Improvements Plan

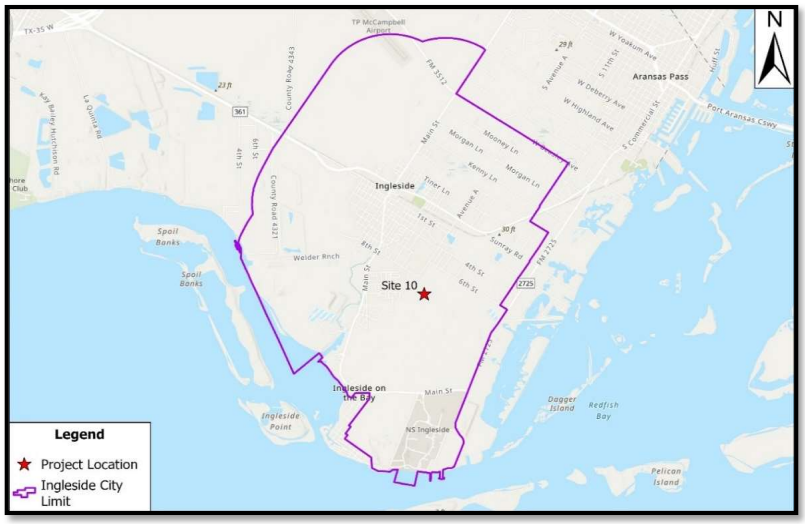
Project Summary Information:

Project ID:	9	Date:	3/5/2024
Project Name:	Site 10: Live Oak Ditch		
Project Type:	Storm Sewer and Channel	# Structures Impacted Pre-Project:	11
Easements Required?	Yes	# Structures Impacted Post-Project:	5

Existing Problem:

Live Oak Ditch has low points along the channel banks, mostly occurring in the ditch section upstream of Parkview Place road, that are overtopped during all modeled storm events. This is likely due to restricted flow through the culverts under Parkview Place and the outfall culvert into Kinney Bayou under North Street and Main Street (FM 1069). Runoff from the east of the channel is not able to enter since the culverts are restricting flow and causing water surface elevations to increase in the upstream section of the channel. Additionally, residential development is anticipated east of Achievement Boulevard, and will drain into Live Oak Ditch. Future development pressure on the existing system will increase flooding depth and extents, and result in flooding problems to existing and future homes and residents.

Design Improvements Schematic:

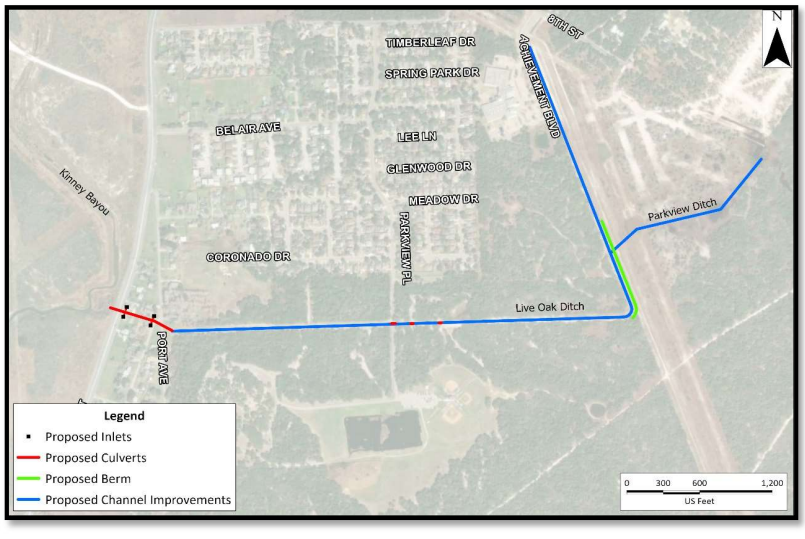


Project Cost Information:

Design	$2,105,039
Permitting	$50,000
Construction	$14,033,592
Total	**$16,188,700**

Proposed Improvements:

Improve approximately 6230 linear feet of the grass lined Live Oak Ditch. The bottom width will be widened from approximately 15 ft to 18 ft, and the ditch will be deepened by approximately 3.5 ft in some locations. These improvements include regrading and widening the full length of the ditch and concrete lining the bend in the ditch to prevent erosion. Other improvements include upsizing all culverts within the ditch to (2) 9' x 5' RCB's to allow the channel to flow with no impedance from the culverts, and installing 1106 linear feet of new (2) 9' x 5' RCB outfall structure to connect Live Oak Ditch to Kinney Bayou. An additional ditch, "Parkview Ditch", is also proposed to discharge into Live Oak Ditch to support future development of nearby land. Parkview Ditch will consist of approximately 1550 linear feet of grass lined ditch with a 20 ft bottom width.



Summary of Project Benefits:

- Number of Structures Removed from Potential Inundation Risk: 6
- Reduction in Flood Depth: 7.92 inches
- Impassible Road Length (>5" Depth) Reduction: 425 feet

Weight	CIP Ranking Criteria	Score
0.30	Life and Safety	3
0.25	Property Damage	3
0.20	Road Level of Service	5
0.15	Planning Linkages	5
0.10	Project Cost	1
	Total Weighted Point Score:	3.50
	CIP Rank:	1

Notes:

Proposed improvements to existing components (Live Oak Ditch and the culvert under North Street/Main Street) should be achieved within the existing City ROW or drainage easements, but easement widths should be confirmed during final design to verify no additional easements are required. A new drainage easement will be required for construction of the Parkview Ditch. The easement can be dedicated prior to development, or would need to be part of the plat requirements when development occurs. Locations of other utilities in the area should be confirmed to ensure no conflicts with the proposed drainage improvements. A USACE Nationwide Permit (NWP 7, 18, or 58) may be required for this project and should be confirmed during final design. Phasing of this project should be considered.

- Phase 1 – North Street Culvert between Live Oak Ditch and Kinney Bayou
- Phase 2 – Live Oak Ditch Improvements
- Phase 3 – New Parkview Ditch

APPENDIX D
OPINION OF PROBABLE PROJECT COSTS

Opinion of Probable Project Cost - Site 1: Humble Ditch Improvements					
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
GENERAL					
1	MOBILIZATION / DEMOBILIZATION	5%	LS	$ 317,739	$ 317,739
2	INSURANCE AND BONDS	2.5%	LS	$ 158,870	$ 158,870
3	TRAFFIC CONTROL	-	LS	$ 10,000	$ 10,000
				CONSTRUCTION - GENERAL	**$ 486,610**
BASE BID					
4	EXCAVATION (CHANNEL)	10,506	CY	$ 58	$ 604,082
5	EMBANKMENT (CHANNEL)	1,988	CY	$ 20	$ 39,756
6	EXCAVATION- HAUL OFF	11,149	CY	$ 10	$ 111,488
7	SWPPP FILTER FABRIC FENCE	4,940	LF	$ 3	$ 14,820
8	CLASS A CONCRETE (CHANNEL LINING)	8,588	CY	$ 650	$ 5,582,127
9	ROCK FILTER DAM INSTALLATION	22	LF	$ 92	$ 2,017
10	ROCK FILTER DAM REMOVAL	22	LF	$ 23	$ 497
				CONSTRUCTION - BASE BID:	**$ 6,354,787**
		CONTINGENCY		30%	$ 2,052,420
				TOTAL:	**$ 8,893,817**
		DESIGN		15%	$ 1,334,073
		PERMITTING		-	$ -
				Estimated Project Total:	**$ 10,227,900**

Opinion of Probable Project Cost - Site 3: Kenny Lane/Whitney Lake Infrastructure					
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
			GENERAL		
1	MOBILIZATION / DEMOBILIZATION	1	LS	$ 122,926	$ 122,926
2	INSURANCE AND BONDS	1	LS	$ 23,056	$ 23,056
3	TRAFFIC CONTROL	1	LS	$ 17,010	$ 17,010
				CONSTRUCTION - GENERAL	**$ 162,992**
			BASE BID		
4	All Items Including Streets, Drainage, Water and Wastewater	1	LS	$ 2,323,159	$ 2,323,159
	Note: This project has already been bid and the construction contract has been awarded. This OPPC reflects the bid amount awarded for construction; the design costs are an estimate.				
				CONSTRUCTION - BASE BID:	**$ 2,323,159**
				CONTINGENCY 0%	$ -
				TOTAL:	**$ 2,486,151**
				DESIGN 15%	$ 372,923
				PERMITTING -	$ -
				Estimated Project Total:	**$ 2,859,100**

Opinion of Probable Project Cost - Site 4: SH 1069 Drainage Improvements - McCampbell Slough to Mooney Lane					
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
			GENERAL		
1	MOBILIZATION / DEMOBILIZATION	5%	LS	$ 487,518	$ 487,518
2	INSURANCE AND BONDS	2.5%	LS	$ 243,759	$ 243,759
3	TRAFFIC CONTROL	-	LS	$ 100,000	$ 100,000
				CONSTRUCTION - GENERAL	**$ 831,277**
			BASE BID		
4	24" RCP INSTALLATION	1,329	LF	$ 125	$ 166,100
5	18" RCP REMOVAL	330	LF	$ 34	$ 11,219
6	EXCAVATION (ROADWAY)	2,422	CY	$ 17	$ 42,136
7	CEMENT STABILIZED SAND - BEDDING MATERIAL	801	CY	$ 172	$ 137,734
8	EMBANKMENT (ROADWAY)	1,201	CY	$ 20	$ 24,011
9	EXCAVATION (CHANNEL)	2,187	CY	$ 58	$ 125,726
10	EMBANKMENT (CHANNEL)	250	CY	$ 20	$ 4,991
11	EXCAVATION (DETENTION POND)	76,933	CY	$ 58	$ 4,423,641
12	EXCAVATION (MAINTANCE ROAD)	20	CY	$ 58	$ 1,126
13	EXCAVATION- HAUL OFF	111,394	CY	$ 10	$ 1,113,936
14	REMOVING CONCRETE (RIPRAP)	4,135	SY	$ 26	$ 108,586
15	CLASS A CONCRETE (CHANNEL LINING)	2,874	CY	$ 650	$ 1,868,278
16	ASPHALT PAVEMENT REPAIR	1,092	SY	$ 120	$ 131,043
17	6" TOPSOIL	49,251	SY	$ 16	$ 763,383
18	EROSION CONTROL MATTING	12,930	SY	$ 17	$ 213,350
19	HYDROMULCH	49,251	SY	$ 9	$ 443,255
20	LIMESTONE BASE (4")	6	CY	$ 133	$ 823
21	CONCRETE PAVEMENT (6")	10	CY	$ 650	$ 6,780
22	CONCRETE DRIVEWAY REPAIRS	4,158	SF	$ 20	$ 81,081
23	SWPPP FILTER FABRIC FENCE	7,068	LF	$ 3	$ 21,205
24	TRENCH SAFETY	1,329	LF	$ 9	$ 11,959
25	DETENTION POND PUMP	1	EA	$ 50,000	$ 50,000
				CONSTRUCTION - BASE BID:	**$ 9,750,365**
		CONTINGENCY		30%	$ 3,174,493
				TOTAL:	**$ 13,756,136**
		DESIGN		15%	$ 2,063,421
		PERMITTING		-	$ 50,000
				Estimated Project Total:	**$ 15,869,600**

Opinion of Probable Project Cost - Site 5: North Ingleside Long-Term Ponding					
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
			GENERAL		
1	MOBILIZATION / DEMOBILIZATION	5%	LS	$ 30,794	$ 30,794
2	INSURANCE AND BONDS	2.5%	LS	$ 15,397	$ 15,397
3	TRAFFIC CONTROL	-	LS	$ 20,000	$ 20,000
				CONSTRUCTION - GENERAL	**$ 66,192**
			BASE BID		
4	15" PVC Installation	2,585	LF	$ 105	$ 271,425
5	2.5' X 2.5' GRATE INLET INSTALLATION	16	EA	$ 6,240	$ 99,840
6	EXCAVATION (GROUND)	2,730	CY	$ 17	$ 47,497
7	EXCAVATION BACKFILL	2,016	CY	$ 20	$ 40,328
8	EXCAVATION- HAUL OFF	999	CY	$ 10	$ 9,987
9	CEMENT STABILIZED SAND - BEDDING MATERIAL	591	CY	$ 172	$ 101,668
10	CONCRETE DRIVEWAY REPAIRS	634	SF	$ 20	$ 12,363
11	TRENCH SAFETY	2,585	LF	$ 9	$ 23,265
12	SWPPP FILTER FABRIC FENCE	2,585	LF	$ 3	$ 7,755
13	INLET PROCTECTION	160	LF	$ 11	$ 1,760
				CONSTRUCTION - BASE BID:	**$ 615,887**
		CONTINGENCY		30%	$ 204,624
				TOTAL:	**$ 886,703**
		DESIGN		15%	$ 133,006
		PERMITTING		-	$ -
				Estimated Project Total:	**$ 1,019,800**

Opinion of Probable Project Cost - Site 6: Nystrom Addition Drainage Improvements					
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
	GENERAL				
1	MOBILIZATION / DEMOBILIZATION	5%	LS	$ 84,901	$ 84,901
2	INSURANCE AND BONDS	2.5%	LS	$ 42,451	$ 42,451
3	TRAFFIC CONTROL	-	LS	$ 30,000	$ 30,000
				CONSTRUCTION - GENERAL	**$ 157,352**
	BASE BID				
4	15" RCP INSTALLATION	2,243	LF	$ 105	$ 235,481
5	24" RCP INSTALLATION	134	LF	$ 125	$ 16,697
6	15" RCP REMOVAL	1,093	LF	$ 34	$ 37,159
7	15" CORRUGATED METAL PIPE REMOVAL	41	LF	$ 34	$ 1,394
8	3' X 3' GRATE INLET REMOVAL	2	EA	$ 1,385	$ 2,771
9	EXCAVATION (ROADWAY)	1,094	CY	$ 17	$ 19,027
10	EMBANKMENT (ROADWAY)	373	CY	$ 20	$ 7,467
11	CEMENT STABILIZED SAND - BEDDING MATERIAL	545	CY	$ 172	$ 93,763
12	EXCAVATION (CHANNEL)	6,972	CY	$ 58	$ 400,907
13	EXISTING CHANNEL FILL	360	CY	$ 20	$ 7,200
14	EXCAVATION- HAUL OFF	7,621	CY	$ 10	$ 76,205
15	6" TOPSOIL	12,466	SY	$ 16	$ 193,217
16	EROSION CONTROL MATTING	12,466	SY	$ 17	$ 205,683
17	HYDROMULCH	12,466	SY	$ 9	$ 112,191
18	DITCH GRADING AND REGRADING	7,099	LF	$ 14	$ 95,834
19	ASPHALT PAVEMENT REPAIR	346	SY	$ 120	$ 41,482
20	CONCRETE DRIVEWAY REPAIRS	6,750	SF	$ 20	$ 131,625
21	SWPPP FILTER FABRIC FENCE	3,943	LF	$ 3	$ 11,830
22	TRENCH SAFETY	491	LF	$ 9	$ 4,423
23	ROCK FILTER DAM INSTALLATION	32	LF	$ 92	$ 2,945
24	ROCK FILTER DAM REMOVAL	32	LF	$ 23	$ 726
				CONSTRUCTION - BASE BID:	**$ 1,698,026**
		CONTINGENCY		30%	$ 556,614
				TOTAL:	**$ 2,411,992**
		DESIGN		15%	$ 361,799
		PERMITTING		-	$ 50,000
				Estimated Project Total:	**$ 2,823,800**

Opinion of Probable Project Cost - Site 7: Parkside Terrace Subdivision Drainage Improvements					
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
	GENERAL				
1	MOBILIZATION / DEMOBILIZATION	5%	LS	$ 282,307	$ 282,307
2	INSURANCE AND BONDS	2.5%	LS	$ 141,153	$ 141,153
3	TRAFFIC CONTROL	-	LS	$ 50,000	$ 50,000
				CONSTRUCTION - GENERAL	**$ 473,460**
	BASE BID				
4	4' X 3' RCB	1,362	LF	$ 500	$ 680,950
5	36" RCP INSTALLATION	363	LF	$ 240	$ 87,024
6	6' X 3' RCB	1,751	LF	$ 775	$ 1,357,258
7	24" RCP INSTALLATION	312	LF	$ 125	$ 38,938
8	3.5' X 2' RCB	709	LF	$ 450	$ 319,230
9	TYPE C INLET (10')	40	EA	$ 9,421	$ 376,848
10	48" DIAMETER MANHOLE	1	EA	$ 10,850	$ 10,850
11	6' X 6' JUNCTION BOX	5	EA	$ 13,833	$ 69,165
12	8' X 8' JUNCTION BOX	2	EA	$ 18,181	$ 36,362
13	TYPE C INLET (5') REMOVAL	18	EA	$ 1,385	$ 24,937
14	MANHOLE REMOVAL	5	EA	$ 1,342	$ 6,710
15	TRENCH SAFETY (STRUCTURE)	48	EA	$ 380	$ 18,240
16	15" RCP REMOVAL	131	LF	$ 34	$ 4,464
17	18" RCP REMOVAL	482	LF	$ 34	$ 16,402
18	24" RCP REMOVAL	596	LF	$ 34	$ 20,278
19	30" RCP REMOVAL	1,784	LF	$ 34	$ 60,642
20	EXCAVATION (ROADWAY)	14,043	CY	$ 17	$ 244,351
21	EMBANKMENT (ROADWAY)	5,215	CY	$ 20	$ 104,310
22	EXCAVATION- HAUL OFF	11,193	CY	$ 10	$ 111,927
23	TRENCH SAFETY	157	LF	$ 9	$ 1,410
24	SWPPP FILTER FABRIC FENCE	157	LF	$ 3	$ 470
25	CEMENT STABILIZED SAND - BEDDING MATERIAL	2,520	CY	$ 172	$ 433,473
26	INLET PROCTECTION	413	LF	$ 11	$ 4,538
27	ASPHALT PAVEMENT REPAIR	1,166	SY	$ 120	$ 139,968
28	PRIME COAT	1,614	GAL	$ 8	$ 12,592
29	HOT MIX ASPHALT (TYPE D) (2")	8,072	SY	$ 9	$ 71,034
30	LIME SUBGRADE (8")	10,090	SY	$ 7	$ 70,327
31	LIMESTONE BASE (10")	6,727	CY	$ 133	$ 891,956
32	REMOVE-REPLACE CURB AND GUTTER	6,054	LF	$ 55	$ 335,089
33	DITCH GRADING AND REGRADING	1,955	LF	$ 14	$ 26,395
34	WATER OR WASTEWATER UTILITY ADJUSTMENT	10	EA	$ 7,000	$ 70,000
				CONSTRUCTION - BASE BID:	**$ 5,646,137**
		CONTINGENCY		30%	$ 1,835,880
				TOTAL:	**$ 7,955,478**
		DESIGN		15%	$ 1,193,322
		PERMITTING		-	$ -
				Estimated Project Total:	**$ 9,148,800**

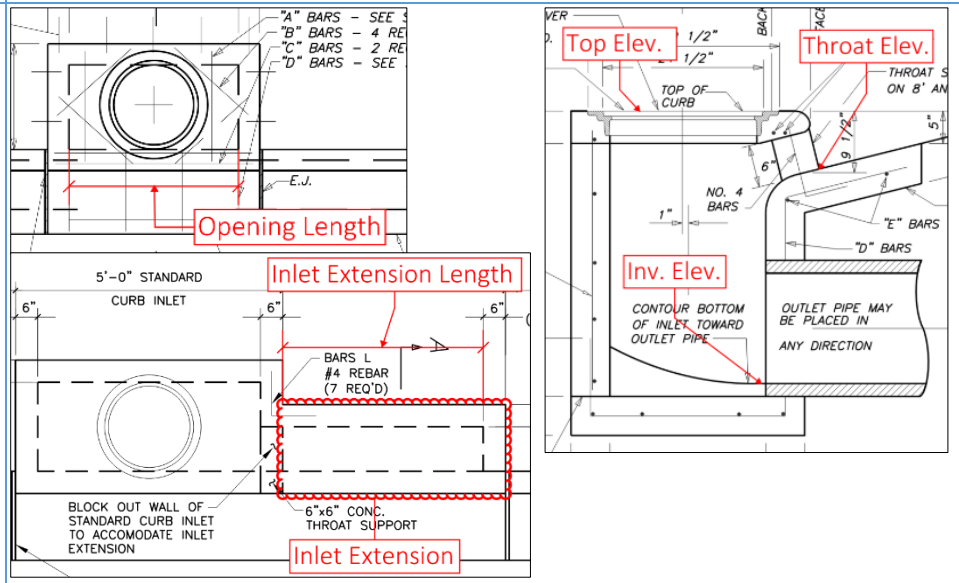
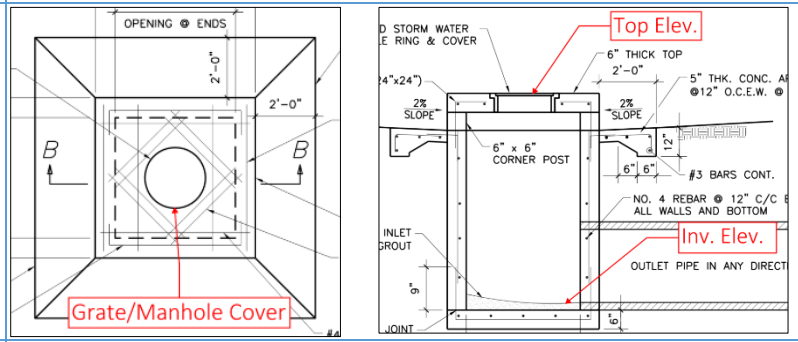
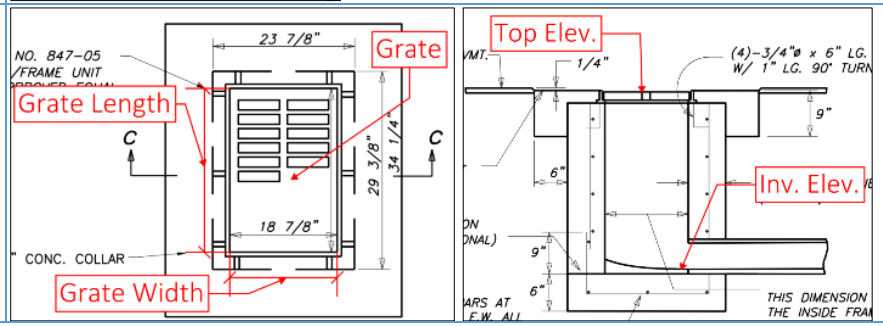
Opinion of Probable Project Cost - Site 8: Villanova Place Drainage Improvements					
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
			GENERAL		
1	MOBILIZATION / DEMOBILIZATION	5%	LS	$ 311,122	$ 311,122
2	INSURANCE AND BONDS	2.5%	LS	$ 155,561	$ 155,561
3	TRAFFIC CONTROL	-	LS	$ 50,000	$ 50,000
				CONSTRUCTION - GENERAL	**$ 516,683**
			BASE BID		
4	24" RCP INSTALLATION	1,060	LF	$ 125	$ 132,441
5	3' X 2' RCB	165	LF	$ 395	$ 65,294
6	6' X 2' RCB	567	LF	$ 620	$ 351,540
7	7' X 2.5' RCB	2,637	LF	$ 850	$ 2,241,365
8	5' X 2' RCB	67	LF	$ 525	$ 35,280
9	6' X 2.5' RCB	249	LF	$ 700	$ 174,580
10	10' X 5' RCB	460	LF	$ 1,526	$ 701,091
10	8' X 8' JUNCTION BOX	8	EA	$ 18,181	$ 145,448
11	TRENCH SAFETY (STRUCTURE)	8	EA	$ 380	$ 3,040
12	18" RCP REMOVAL	1,060	LF	$ 34	$ 36,024
13	7' X 3' RCB REMOVAL	368	LF	$ 34	$ 12,498
13	EXCAVATION (ROADWAY)	12,955	CY	$ 17	$ 225,413
14	EMBANKMENT (ROADWAY)	4,306	CY	$ 20	$ 86,120
15	EXCAVATION- HAUL OFF	11,978	CY	$ 10	$ 119,781
16	TRENCH SAFETY	3,432	LF	$ 9	$ 30,887
17	SWPPP FILTER FABRIC FENCE	3,716	LF	$ 3	$ 11,147
18	CEMENT STABILIZED SAND - BEDDING MATERIAL	2,867	CY	$ 172	$ 493,174
19	CONCRETE DRIVEWAY REPAIRS	9,804	SF	$ 20	$ 191,178
20	ASPHALT PAVEMENT REPAIR	4,698	SY	$ 120	$ 563,820
21	PRIME COAT	549	GAL	$ 8	$ 4,284
22	HOT MIX ASPHALT (TYPE D) (2")	2,746	SY	$ 9	$ 24,168
23	LIME SUBGRADE (8")	3,433	SY	$ 7	$ 23,928
24	LIMESTONE BASE (10")	2,289	CY	$ 133	$ 303,474
25	DITCH GRADING AND REGRADING	3,716	LF	$ 14	$ 50,160
26	EDGE CURB	2,546	LF	$ 22	$ 56,012
27	INLET PROCTECTION	27	LF	$ 11	$ 297
28	WATER OR WASTEWATER UTILITY ADJUSTMENT	20	EA	$ 7,000	$ 140,000
				CONSTRUCTION - BASE BID:	**$ 6,222,445**
		CONTINGENCY		30%	$ 2,021,739
				TOTAL:	**$ 8,760,868**
		DESIGN		15%	$ 1,314,131
		PERMITTING		-	$ -
				Estimated Project Total:	**$ 10,075,000**

Opinion of Probable Project Cost - Site 9: Humble Addition and Avenue B Drainage Improvements					
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
	GENERAL				
1	MOBILIZATION / DEMOBILIZATION	5%	LS	$ 164,501	$ 164,501
2	INSURANCE AND BONDS	2.5%	LS	$ 82,251	$ 82,251
3	TRAFFIC CONTROL	-	LS	$ 50,000	$ 50,000
				CONSTRUCTION - GENERAL	**$ 296,752**
	BASE BID				
4	4' X 3' RCB	473	LF	$ 500	$ 236,300
5	36" RCP INSTALLATION	1,387	LF	$ 240	$ 332,904
6	6' X 3' RCB	217	LF	$ 775	$ 168,485
7	24" RCP INSTALLATION	1,156	LF	$ 125	$ 144,463
8	5' X 3' RCB	510	LF	$ 530	$ 270,300
9	12" RCP INSTALLATION	1,311	LF	$ 97	$ 126,594
10	18" RCP INSTALLATION	455	LF	$ 123	$ 55,904
11	3' X 3' RCB	59	LF	$ 405	$ 23,814
12	3' X 3' GRATE INLET INSTALLATION	18	EA	$ 6,240	$ 112,320
13	2' X 2' GRATE INLET INSTALLATION	7	EA	$ 6,240	$ 43,680
14	TYPE C INLET (5')	3	EA	$ 6,855	$ 20,564
15	TYPE C INLET (10')	1	EA	$ 9,421	$ 9,421
16	48" DIAMETER MANHOLE	3	EA	$ 10,850	$ 32,550
17	6' X 6' JUNCTION BOX	3	EA	$ 13,833	$ 41,499
18	8' X 8' JUNCTION BOX	5	EA	$ 18,181	$ 90,905
19	1' DIAMETER GRATE INLET REMOVAL	11	EA	$ 1,385	$ 15,239
20	2' X 2' GRATE INLET REMOVAL	10	EA	$ 1,385	$ 13,854
21	MANHOLE REMOVAL	11	EA	$ 1,342	$ 14,763
22	TRENCH SAFETY (STRUCTURE)	40	EA	$ 380	$ 15,200
23	6" RCP REMOVAL	134	LF	$ 34	$ 4,553
24	12" RCP REMOVAL	1,046	LF	$ 34	$ 35,571
25	18" RCP REMOVAL	773	LF	$ 34	$ 26,282
26	24" RCP REMOVAL	690	LF	$ 34	$ 23,453
27	32" RCP REMOVAL	1,222	LF	$ 34	$ 41,548
28	36" RCP REMOVAL	37	LF	$ 34	$ 1,251
29	EXCAVATION (ROADWAY)	6,211	CY	$ 17	$ 108,077
30	EMBANKMENT (ROADWAY)	1,955	CY	$ 20	$ 39,104
31	EXCAVATION- HAUL OFF	5,804	CY	$ 10	$ 58,039
32	TRENCH SAFETY	5,567	LF	$ 9	$ 50,099
33	SWPPP FILTER FABRIC FENCE	3,684	LF	$ 3	$ 11,051
34	CEMENT STABILIZED SAND - BEDDING MATERIAL	2,510	CY	$ 172	$ 431,696
35	INLET PROCTECTION	297	LF	$ 11	$ 3,267
36	CONCRETE DRIVEWAY REPAIRS	11,075	SF	$ 20	$ 215,963
37	ASPHALT PAVEMENT REPAIR	1,455	SY	$ 120	$ 174,608
38	DITCH GRADING AND REGRADING	5,262	LF	$ 14	$ 71,036
39	REMOVING CONCRETE (SIDEWALKS)	6,132	SF	$ 5	$ 27,594
40	4" THICK CONCRETE SIDEWALK	7,665	SF	$ 10	$ 78,566
41	ADA RAMPS	8	EA	$ 2,899	$ 23,189
42	CURB AND GUTTER	1,260	LF	$ 21	$ 26,321
43	WATER OR WASTEWATER UTILITY ADJUSTMENT	10	EA	$ 7,000	$ 70,000
				CONSTRUCTION - BASE BID:	**$ 3,290,026**
		CONTINGENCY		30%	$ 1,076,034
				TOTAL:	**$ 4,662,812**
		DESIGN		15%	$ 699,422
		PERMITTING		-	$ -
				Estimated Project Total:	**$ 5,362,300**

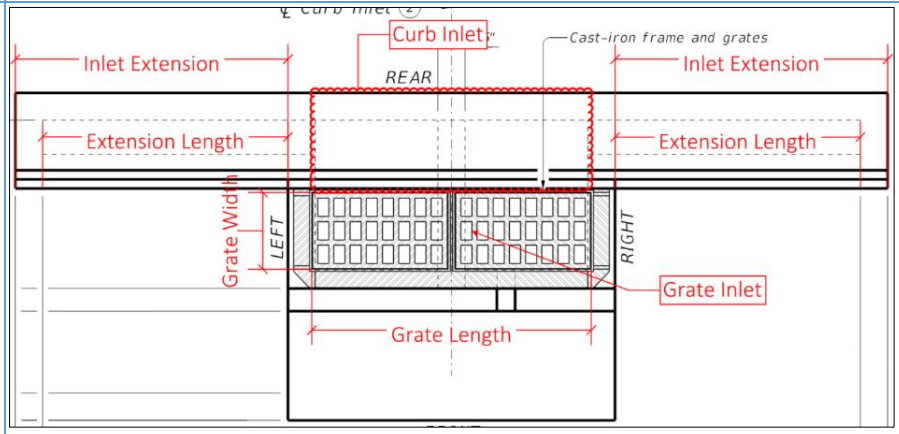
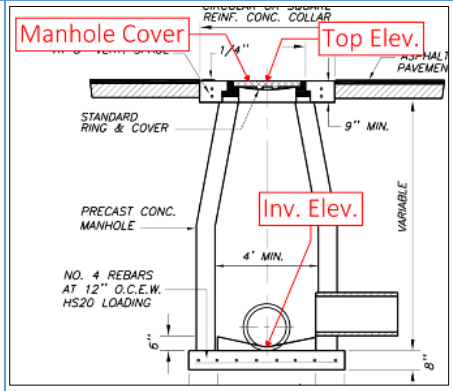
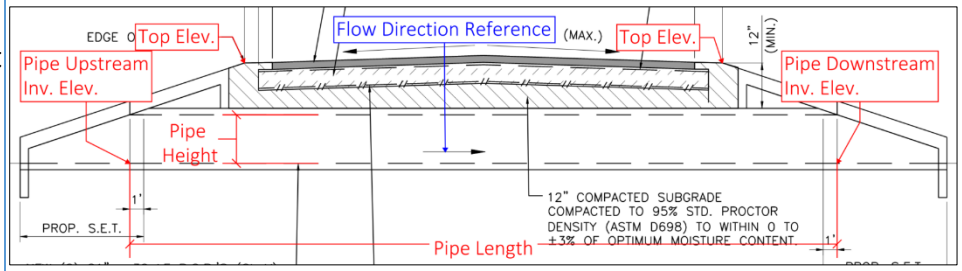
Opinion of Probable Project Cost - Site 10: Live Oak Ditch					
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
GENERAL					
1	MOBILIZATION / DEMOBILIZATION	5%	LS	$ 497,445	$ 497,445
2	INSURANCE AND BONDS	2.5%	LS	$ 248,723	$ 248,723
3	TRAFFIC CONTROL	-	LS	$ 100,000	$ 100,000
				CONSTRUCTION - GENERAL	**$ 846,168**
BASE BID					
4	9' X 5' RCB	1,234	LF	$ 1,600	$ 1,974,624
5	18" RCP INSTALLATION	88	LF	$ 123	$ 10,824
6	48" RCP REMOVAL	60	LF	$ 34	$ 2,039
7	60" RCP REMOVAL	42	LF	$ 34	$ 1,434
8	66" RCP REMOVAL	543	LF	$ 34	$ 18,459
9	TYPE C INLET (5')	4	EA	$ 6,855	$ 27,419
10	TYPE C INLET (5') REMOVAL	2	EA	$ 1,385	$ 2,771
11	7' X12' CIP JUNCTION BOX	4	EA	$ 23,000	$ 92,000
12	EXCAVATION (ROADWAY)	5,802	CY	$ 17	$ 100,948
13	EMBANKMENT (ROADWAY)	2,857	CY	$ 20	$ 57,139
14	CEMENT STABILIZED SAND - BEDDING MATERIAL	878	CY	$ 172	$ 151,070
15	EXCAVATION (CHANNEL)	64,957	CY	$ 58	$ 3,735,034
16	EXCAVATION- HAUL OFF	95,062	CY	$ 10	$ 950,624
17	6" TOPSOIL	60,293	SY	$ 16	$ 934,541
18	EROSION CONTROL MATTING	60,293	SY	$ 17	$ 994,834
19	HYDROMULCH	60,293	SY	$ 9	$ 542,637
20	CLASS A CONCRETE (CHANNEL LINING)	106	CY	$ 650	$ 69,221
21	ASPHALT PAVEMENT REPAIR	2,115	SY	$ 120	$ 253,770
22	CURB AND GUTTER	660	LF	$ 21	$ 13,787
23	SWPPP FILTER FABRIC FENCE	705	LF	$ 3	$ 2,115
24	TRENCH SAFETY	705	LF	$ 9	$ 6,346
25	TRENCH SAFETY (STRUCTURE)	8	EA	$ 380	$ 3,040
26	ROCK FILTER DAM INSTALLATION	37	LF	$ 92	$ 3,391
27	ROCK FILTER DAM REMOVAL	37	LF	$ 23	$ 836
				CONSTRUCTION - BASE BID:	**$ 9,948,903**
		CONTINGENCY		30%	$ 3,238,522
				TOTAL:	**$ 14,033,593**
		DESIGN		15%	$ 2,105,039
		PERMITTING		-	$ 50,000
				Estimated Project Total:	**$ 16,188,700**

APPENDIX E
STORMWATER STRUCTURES TYPE GUIDE AND CONDITION RATING GUIDE

Stormwater Structures Type Guide

Structure Type	Schematic	Pictures
Curb Inlet		
Post Inlet		
Grate Inlet		

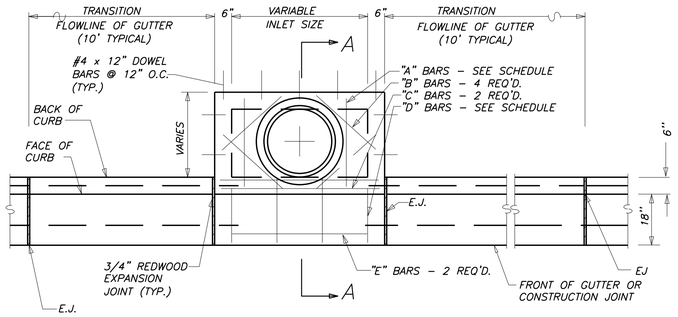
Stormwater Structures Type Guide

Structure Type	Schematic	Pictures
Combination Inlet		
Manhole or Junction Box		
Stormwater Pipe or Culvert		

Stormwater Structures Condition Rating Guide

Rating	General Service Level		Specific Rating Description	Pictures
	Culverts	Bridges		
Excellent	Culvert is structurally sound and flows freely with no accumulated debris or sedimentation. Channel slopes are stable and well protected. Water does not breach the embankment and cross the roadway. No noticeable or noteworthy structural deficiencies.	No problems of any consequence noted with the structural bridge components. No maintenance on structural items is required.	Excellent condition	
Good	Culvert is structurally sound and has only minor localized deficiencies. Silt and debris build-up is minimal. Banks may show some signs of instability. Water does not breach the embankment and cross the roadway.	There may be some deterioration or other minor defects in structural components. The capacity of the bridge is not impacted by deterioration or maintenance needs.	Good condition – some minor problems	
Fair	Culvert has moderate silt & debris build-up that requires occasional maintenance. Moderate to major deterioration occurring in localized areas & culvert may be misaligned. Erosion occurring in channel & banks may be unstable. Culvert can handle most heavy flows but may build up head water.	All primary structural elements are sound but may have minor defects.	Fair condition - minor deterioration of structural elements	
Poor	Culvert has significant silt & debris build-up impacting capacity. Bank protection has failed, and water may be piping around the culvert. The culvert has deteriorated to the point where settlement is likely occurring in the roadway. Partial culvert collapse is imminent if corrective action is not taken, or culvert has lost all structural capacity and has failed beyond the point of repair.	Bridge may be showing advanced deterioration in one or more structural components. Deterioration has seriously affected primary structural components & all parts of structure require some level of maintenance. Local failures are possible. Bridge should be closely monitored until repairs can be made. Bridge likely cannot carry legal loads.	Poor condition – deterioration significantly affects structural capacity & operation	

APPENDIX F
CITY OF INGLESIDE STANDARD STORMWATER CONSTRUCTION DETAILS

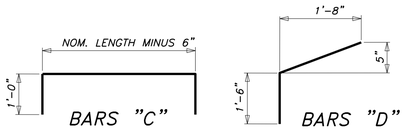


PLAN OF 5' STANDARD INLET

NOT TO SCALE

SPECIAL NOTE:

1. CONTRACTOR TO PROVIDE #4 x 12" DOWELS @ 12" O.C. WHERE PROP. SIDEWALK ABUTS INLET. (NO SEPARATE PAYMENT)
2. FOR CURB INLET THROAT EXTENSION DETAILS REFER TO STORM WATER STANDARD DETAIL SHEET 3 OF 3.

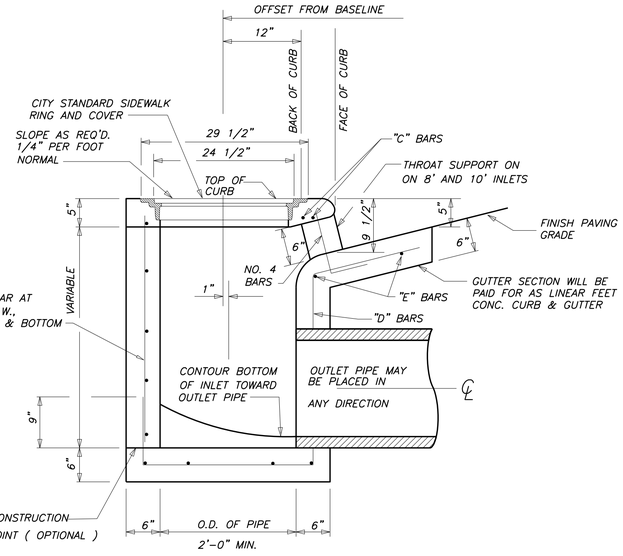


** THROAT OPENINGS SHALL HAVE A 6" X 6" CONCRETE SUPPORT PLACED AT MID-THROAT

* NOMINAL LENGTH OF INLET SHALL BE DESIGNATED AS THE CLEAR WIDTH OPENING.

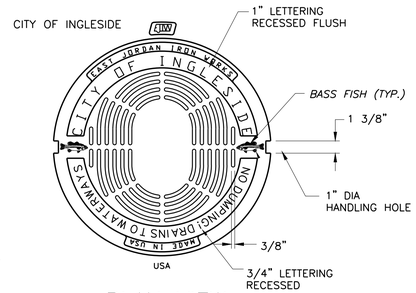
STANDARD CURB INLET STEEL SCHEDULE					
ALL BARS No. 4 PREFORMED					
INLET SIZE (Nom. Length)	NO. REQ'D./LENGTH				
	"A" BARS	"B" BARS	"C" BARS	"D" BARS	"E" BARS
4'	2/a	4/1'-10"	2/5'-6"	4/3'-2"	2/4'-6"
5'	2/a	4/3'-2"	2/6'-6"	4/3'-2"	2/5'-6"
6'	4/a	4/4'-0"	2/7'-6"	6/3'-2"	2/6'-6"
* * 8'	4/a	4/4'-0"	2/9'-6"	6/3'-2"	2/8'-6"
* * 10'	6/a	4/4'-0"	2/11'-6"	7/3'-2"	2/10'-6"
BENDING	STRAIGHT	STRAIGHT	SEE DET.	SEE DET.	STRAIGHT

a = O.D. + 8", 2'-8" MIN. MAX. PIPE I.D. = 48 INCHES

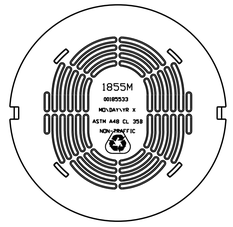


SECTION A-A

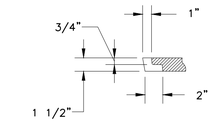
NOT TO SCALE



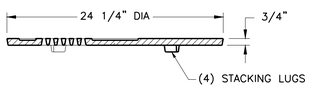
PLAN VIEW



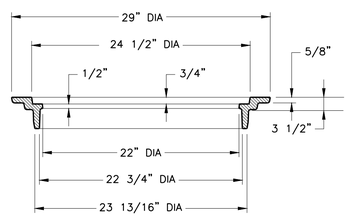
GRATE BLOCK



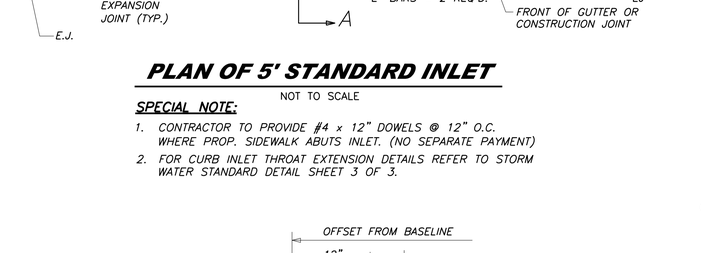
PICKSLOT DETAIL



GRATE SECTION



RING SECTION



FLOWLINE TRANSITION AT INLET FOR 4" OR 6" STD. CURB AND GUTTER

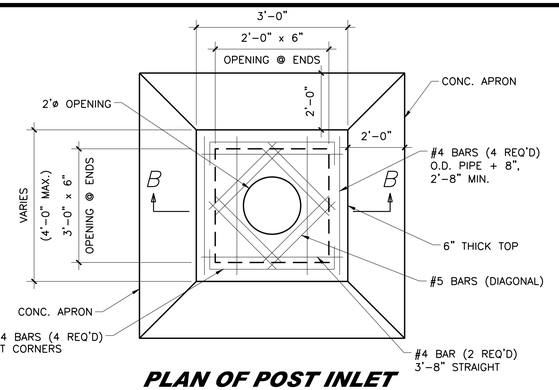
NOT TO SCALE

CITY STANDARD INLET AND SIDWALK MANHOLE RING & COVER CASTING DETAILS

NOT TO SCALE

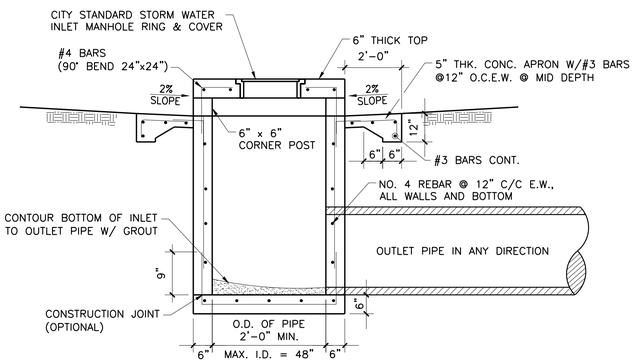
INLET AND SIDEWALK MANHOLE RING & COVER NOTES

1. MANHOLE RING & COVER SHALL BE EAST JORDAN MANHOLE ASSEMBLY FOR LOAD RATING NON-TRAFFIC.
2. THESE DETAILS SHOW GREY-IRON CASTINGS, FILLETED AT ANGLES WITH SHARP AND PERFECT ARISES.
3. CASTING SHALL BE TRUE TO PATTERN, FORM, AND DIMENSIONS, FREE FROM CRACKS, SPONGINESS AND BLOWHOLES.
4. MACHINE SURFACES TO YIELD FIT WHICH WILL NOT RATTLE WITH PASSING TRAFFIC LOAD.
5. TRAFFIC SHALL BE RESTRICTED FROM M.H. FOR 36 HOURS AFTER PLACEMENT OF RING.
6. RING AND COVER SHALL BE DIPPED IN COAL TAR OR ASPHALT.
7. OTHER CASTING PATTERNS FOR RING & COVERS MAY BE SUBMITTED FOR APPROVAL PROVIDED THE PLAN PATTERN OF COVER IS THE SAME AS SHOWN ON THIS SHEET AND PROVIDED OTHER CASTINGS SHALL BE COMPLETELY INTERCHANGEABLE, I.E., THE COVERS OF THIS SHEET SHALL FIT PROPERLY, THE RINGS OF OTHER CASTING DETAILS AND THE COVERS OF OTHER CASTINGS SHALL FIT THE RINGS OF THIS SHEET.
8. MINIMUM WEIGHTS OF FINISHED CASTINGS: THE COVER = 60 POUNDS, THE RING = 135 POUNDS.



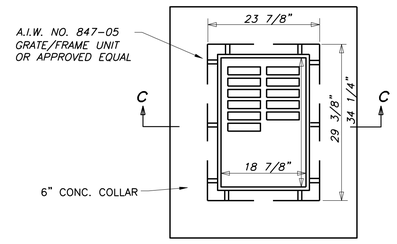
PLAN OF POST INLET

NOT TO SCALE



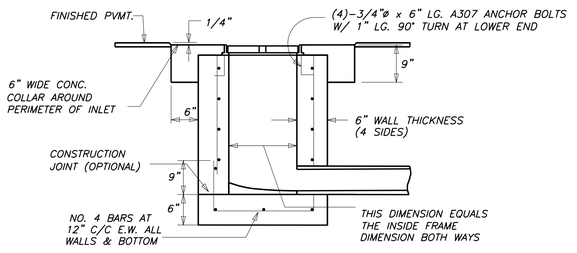
SECTION B-B

NOT TO SCALE



PLAN OF STANDARD GRATE INLET

NOT TO SCALE



SECTION C-C

NOT TO SCALE

REVISION NO.	DATE	BY	DESCRIPTION

City Of Ingleside

CITY OF INGLESIDE

STORM WATER STANDARD DETAILS

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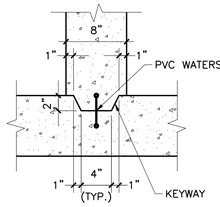


PRE-CAST CONC. MANHOLE NOTES:

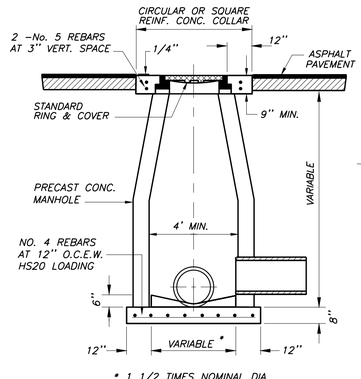
HS20 LOADING

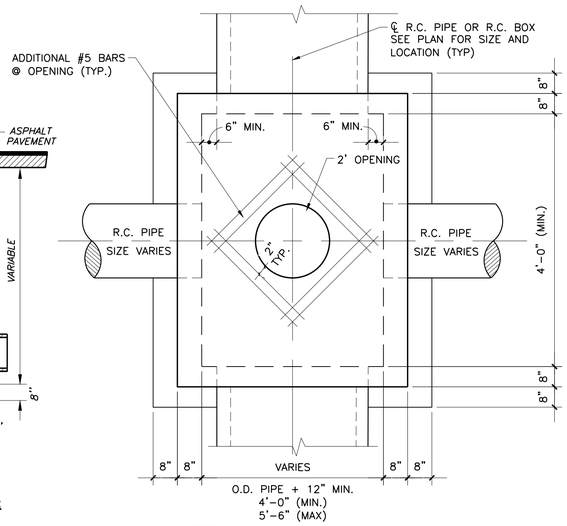
CONCRETE 28 DAY COMPRESSIVE STRENGTH - 5000 PSI

REINFORCEMENT STEEL - 60,000 PSI

REBAR MIN. SPLICE LENGTHS: #4-22" #5-28" #6-33"

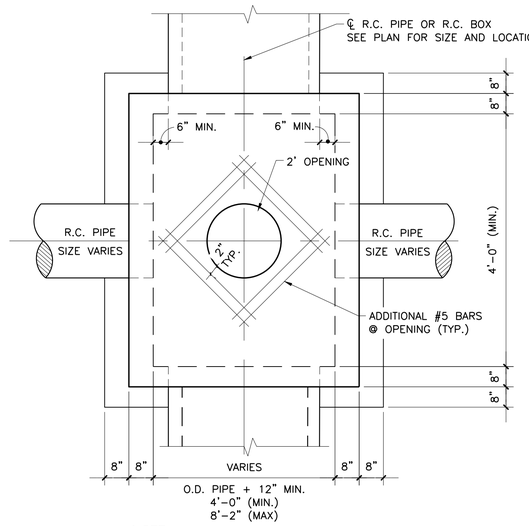
MANHOLE WALL/RISER REINFORCED PER ASTM C-478





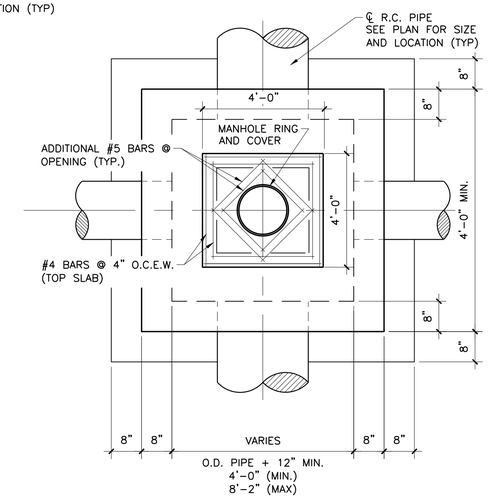
NOTE:

FOR R.C. PIPE SIZES, DIRECTION, AND FLOWLINES, REFER TO STREET AND STORM WATER PLAN AND PROFILES



NOTE:

FOR R.C. PIPE SIZES, DIRECTION, AND FLOWLINES, REFER TO STREET AND STORM WATER PLAN AND PROFILES



NOTE:

FOR R.C. PIPE SIZES, DIRECTION, AND FLOWLINES, REFER TO STREET AND STORM WATER PLAN AND PROFILES

KEYWAY DETAIL

NOT TO SCALE

TYPE "A" MANHOLE

NOT TO SCALE

PLAN
TYPE 'B' MANHOLE

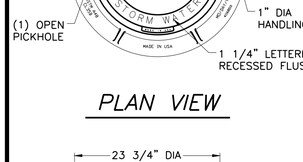
NOT TO SCALE

PLAN
TYPE 'C' MANHOLE

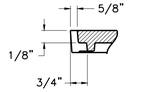
NOT TO SCALE

PLAN
TYPE 'D' MANHOLE

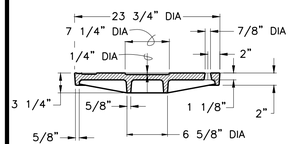
NOT TO SCALE



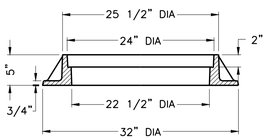
PLAN VIEW



PICKSLOT DETAIL



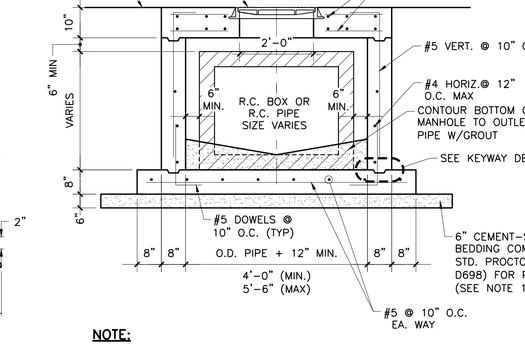
COVER SECTION



FRAME SECTION

CITY STANDARD ROADWAY MANHOLE RING & COVER CASTING DETAIL

NOT TO SCALE

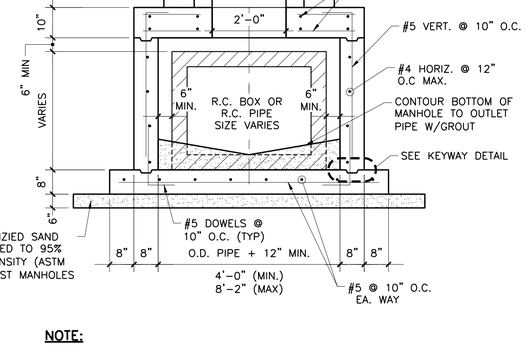


NOTE:

LATERAL PIPES NOT SHOWN FOR CLARITY

SECTION
TYPE 'B' MANHOLE

NOT TO SCALE

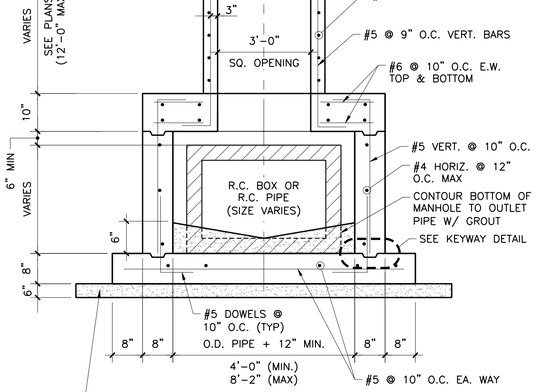


NOTE:

LATERAL PIPES NOT SHOWN FOR CLARITY

SECTION
TYPE 'C' MANHOLE

NOT TO SCALE



6" CEMENT-STABLIZIED SAND BEDDING COMPACTED TO 95% STD. PROCTOR DENSITY (ASTM D698) FOR PRECAST MANHOLES (SEE NOTE 12)

SECTION
TYPE 'D' MANHOLE

NOT TO SCALE

NOTE:

LATERAL PIPES NOT SHOWN FOR CLARITY

ROADWAY MANHOLE RING & COVER NOTES

1. MANHOLE RING & COVER SHALL BE EAST JORDAN V 1168 ASSEMBLY AND FOR SCHOOL ZONE SHALL BE EAST JORDAN BOLTED-IN 1168 ASSEMBLY LOAD RATING HEAVY DUTY.
2. THESE DETAILS SHOW GREY-IRON CASTINGS, FILLETED AT ANGLES WITH SHARP AND PERFECT ARISES.
3. CASTING SHALL BE TRUE TO PATTERN, FORM, AND DIMENSIONS, FREE FROM CRACKS, SPONGINESS AND BLOWHOLES.
4. MACHINE SURFACES TO YIELD FIT WHICH WILL NOT RATTLE WITH PASSING TRAFFIC LOAD.
5. TRAFFIC SHALL BE RESTRICTED FROM M.H. FOR 36 HOURS AFTER PLACEMENT OF RING.
6. RING AND COVER SHALL BE DIPPED IN COAL TAR OR ASPHALT.
7. OTHER CASTING PATTERNS FOR RING & COVERS MAY BE SUBMITTED FOR APPROVAL PROVIDED THE PLAN PATTERN OF COVER IS THE SAME AS SHOWN ON THIS SHEET AND PROVIDED OTHER CASTINGS SHALL BE COMPLETELY INTERCHANGEABLE, I.E., THE COVERS OF THIS SHEET SHALL FIT PROPERLY, THE RINGS OF OTHER CASTING DETAILS AND THE COVERS OF OTHER CASTINGS SHALL FIT THE RINGS OF THIS SHEET.
8. MINIMUM WEIGHTS OF FINISHED CASTINGS : THE COVER = 160 POUNDS, THE RING = 180 POUNDS.
9. POLYETHYLENE MANHOLE ADJUSTMENT RINGS SHALL BE DESIGNED TO SUPPORT HS 20 TRAFFIC LOADING.

GENERAL NOTES FOR CONCRETE DRAINAGE STRUCTURES:

1. ALL CONCRETE SHALL BE CLASS "C" (3600 PSI) EXCEPT CITY STANDARD CURB INLETS AND CONCRETE COLLARS MAY BE CLASS "A".
2. ALL REINFORCING STEEL SHALL BE GRADE 60.
3. DIMENSIONS RELATING TO REINFORCING STEEL ARE TO CENTERS OF BARS.
4. VERTICAL STEEL MAY BE SPLICED (15" MIN. LAP) IN THE LOWER ONE-HALF OF ALL INLET WALLS.
5. IN AREAS OF CONFLICT BETWEEN REINFORCING STEEL, PIPES AND MANHOLE FRAME, THE REINFORCEMENT SHALL BE BENT OR ADJUSTED TO CLEAR AS DIRECTED BY THE ENGINEER.
6. CHAMFER ALL EXPOSED EDGES 3/4".
7. PROVIDE CITY STANDARD SIDEWALK MANHOLE RING AND COVER FOR CITY STANDARD CURB INLET. PROVIDE CITY STANDARD ROADWAY STORM WATER MANHOLE RING AND COVER FOR SPECIAL CURB INLET.
8. THE CONTRACTOR MAY PROPOSE ALTERNATE PROCEDURES FOR THE CONSTRUCTION OF INLETS AND MANHOLES, INCLUDING PRECAST UNITS. PLANS FOR SUCH PROPOSED ALTERNATES SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL BEFORE CONSTRUCTION. PRECAST MANHOLE WITHIN THE ROADWAY SHAL BE DESIGNED TO SUPPORT HS 20 TRAFFIC LOADING AND SEALED BY A LICENSED ENGINEER.
9. ALL INLET WALLS SHALL BE FORMED EXCEPT WHERE THE NATURE OF THE SURROUNDING MATERIAL IS SUCH THAT IT CAN BE TRIMMED TO A SMOOTH VERTICAL FACE. WHEN INLET WALLS ARE PLACED TO NEAT EXCAVATION LINES THE WALL THICKNESS SHALL NOT EXCEED 10 INCHES. PAYMENT FOR INLET AT THE CONTRACT PRICE SHALL INCLUDE THE TRANSITION **CURB**.
10. INVERT OF INLET SHALL BE SLOPED 1:20 WITH GROUT.
11. NO SPLICING OF REINFORCING STEEL SHALL BE PERMITTED EXCEPT WHERE OTHERWISE NOTED ON THE PLANS OR PERMITTED IN WRITING BY THE ENGINEER.
12. IN DEEP EXCAVATIONS (> 20') OR BELOW WATER TABLE, USE CRUSHED STONE OR CRUSHED GRAVEL MEETING GRADATION OF CONCRETE COARSE AGGREGATE; TxDOT ITEM 421; GRADE 2, 3, OR 4.

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STORM WATER STANDARD DETAILS

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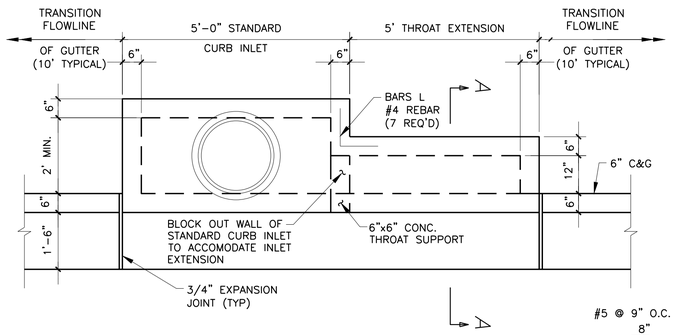
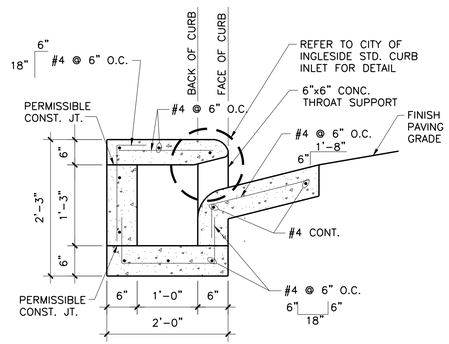


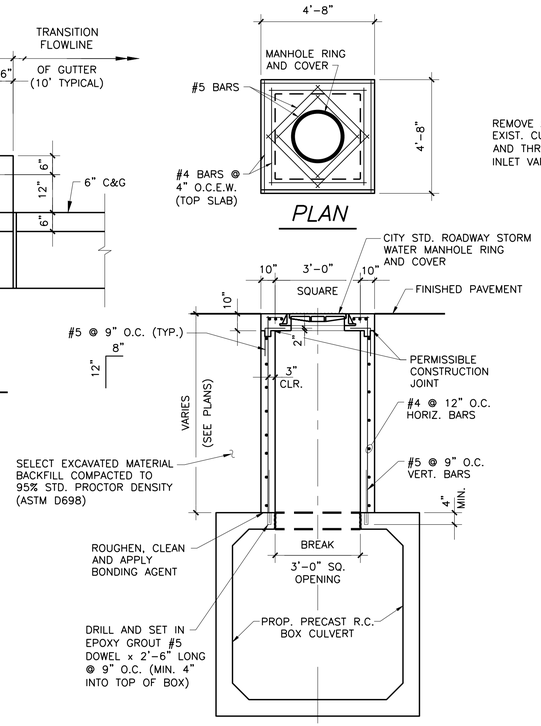
CURB INLET THROAT EXTENSION PLAN

NOT TO SCALE



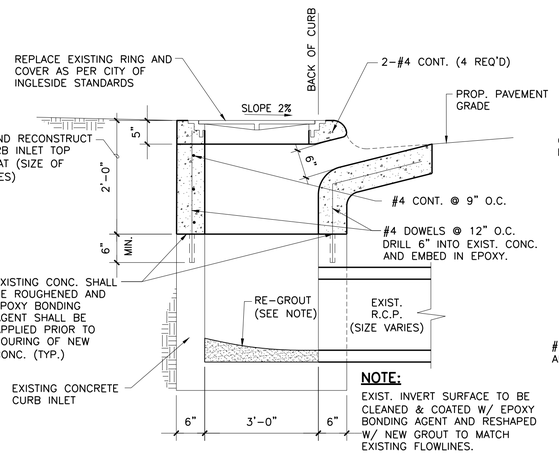
SECTION A-A

NOT TO SCALE



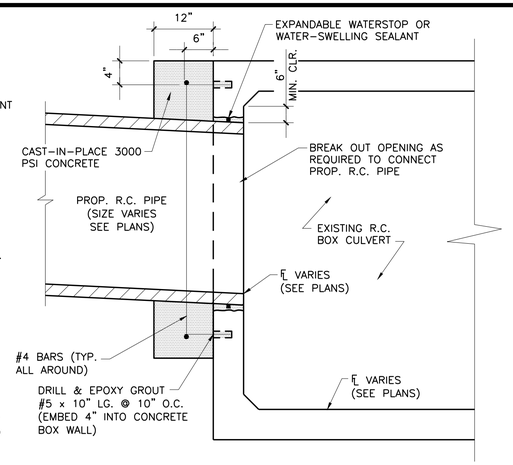
MANHOLE RISER DETAIL

NOT TO SCALE



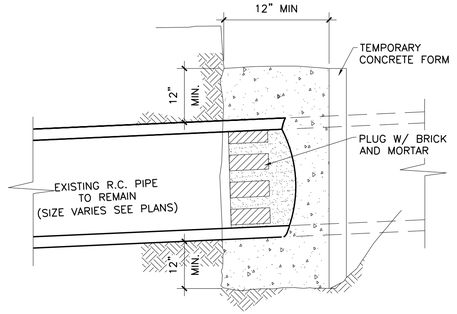
REMOVE AND REPLACE TOP OF EXISTING CURB INLET DETAIL

NOT TO SCALE



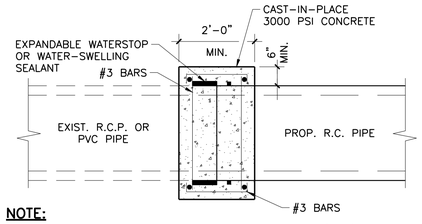
PROP. PIPE TO EXISTING R.C. BOX CONNECTION DETAIL

NOT TO SCALE



EXISTING R.C. PIPE PLUG

NOT TO SCALE

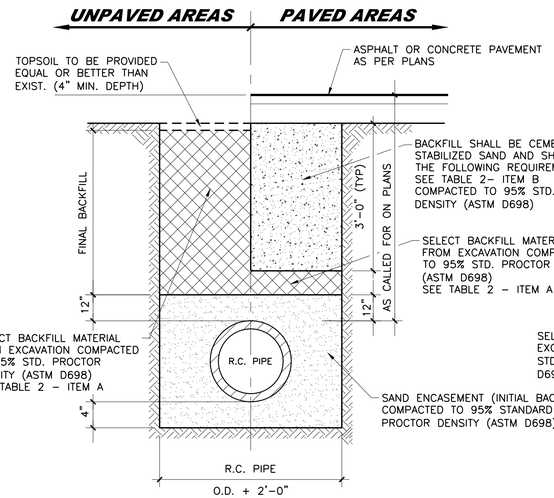


NOTE:

PIPE COLLAR SHALL BE USED WHERE A TIGHT JOINT CANNOT BE PLACED, SUCH AS A BREAK IN ALIGNMENT, DAMAGED PIPE ENDS OR TIE-IN TO EXISTING PIPE OR STRUCTURES.

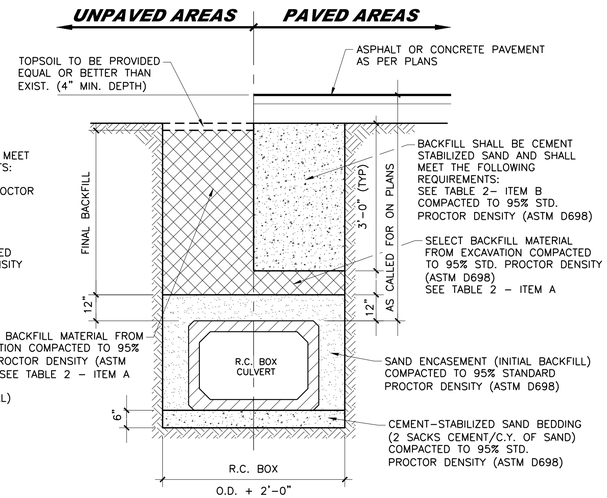
CONCRETE COLLAR DETAIL

NOT TO SCALE



TRENCH BACKFILL FOR STORM WATER PIPES

NOT TO SCALE



NOTE: (CONCRETE PAVEMENT ONLY)

CONTRACTOR HAS OPTION TO USE CEMENT STABILIZED SAND OR BACKFILL WITH SELECT BACKFILL MATERIAL.

TRENCH BACKFILL FOR STORM WATER R.C. BOX CULVERTS

NOT TO SCALE

GENERAL NOTES FOR BACKFILL

TABLE 1
BEDDING AND INITIAL BACKFILL
(BELOW PIPE TO 12" ABOVE PIPE)

ALL BEDDING AND INITIAL BACKFILL SHALL CONSIST OF GRANULAR MATERIAL CONSISTING OF EITHER NATURAL SAND OR SANDY GRAVEL, OR MATERIAL PRODUCED BY CRUSHING OF NATURAL STONE OR GRAVEL. SEWER LINES:

1. *EXCAVATIONS <20FT. DEEP AND ABOVE WATER TABLE, USE MATERIAL MEETING THE FOLLOWING CRITERIA.*

   MEETING REQUIREMENTS OF ASTM D2487 FOR:

SP	GP
SW	GW
SP-SM	GP-GM
SW-SM	GW-GM

   AND IN ADDITION:
   PASSING 1/2" SIEVE - 100%
   PASSING #4 SIEVE - 30% MINIMUM
   PLASTICITY INDEX (PI) - NP TO 10 MAX.

2. *IN DEEP EXCAVATIONS (>20') OR BELOW WATER TABLE, USE CRUSHED STONE OR CRUSHED GRAVEL MEETING GRADATION OF:*

   A. *CONCRETE COARSE AGGREGATE; TxDOT ITEM 421; GRADE 2, 3, OR 4.*

FOR ALL UTILITIES:

1. *FOR PIPE DIAMETER EQUAL TO OR SMALLER THAN 16", USE 4" MINIMUM BEDDING UNDER PIPE.*
2. *FOR PIPE DIAMETER GREATER THAN 16", USE 6" MINIMUM BEDDING UNDER PIPE.*

TABLE 2
FINAL BACKFILL
(GREATER THAN 12" ABOVE PIPE)

UNPAVED AREAS	PAVED AREAS
A. FOR 12" ABOVE PIPE TO BOTTOM OF TOPSOIL BACKFILL SHALL BE APPROVED SELECT MATERIAL FROM THE EXCAVATION; OR IMPORTED MATERIAL; ALL TO BE FREE OF ROCKS, DEBRIS, OR ANY CLUMPS GREATER THAN 2" IN DIAMETER; LOOSE LIFTS TO BE PLACED 10" MAX. *COMPACT MATERIAL TO 95% STD. PROCTOR (D698).* *MOISTURE TO BE ADJUSTED TO ± 3% OF OPTIMUM.*	*A. FOR 12" ABOVE PIPE TO 3' BELOW BOTTOM OF ROAD BASE: BACKFILL SHALL BE SELECT MATERIAL FROM EXCAVATION OR TO BE IMPORTED MATERIAL AND SHALL MEET THE FOLLOWING:* *LL<35* *PI 8-20* *NO CLUMPS > 2" DIA.* *MOISTURE 0 TO +3%* *COMPACT 95% D698 STD PROCTOR* *LOOSE LIFTS OF 10" MAX OR IF SELECT MATERIAL FROM EXCAVATION DOES NOT MEET REQUIREMENTS, THEN USE CEMENT STABILIZED SAND SEE TABLE 2-ITEM B*
B. TOPSOIL TO BE PROVIDED EQUAL OR BETTER THAN EXISTING; AND MATCH EXISTING TOPSOIL DEPTH. (4" MIN.) COMPACT TO FIX CONFLICT TO EXISTING ADJACENT TOPSOIL. (CONSTRUCTION TO BE PERFORMED BY "DOUBLE DITCH" METHOD TOP SOIL SALVAGED TO BE PLACED ON TOP)	*B. FOR 3' BELOW BOTTOM OF ROAD BASE TO BOTTOM OF ROAD BASE:* *BACKFILL SHALL BE CEMENT STABILIZED SAND AND SHALL MEET THE FOLLOWING REQUIREMENTS:* *SAND GRADATION:* *% PASSING* *1/2" 100%* *#4 55-100* *#10 40-100* *#40 25-100* *#200 10-20* *PI NP-10* *2 SACKS CEMENT/C.Y. OF SAND.* *COMPACT TO 95% OF D698. MOISTURE TO BE ADJUSTED TO (+/-2%) OF OPTIMUM.*

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STORM WATER STANDARD DETAILS
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SHEET ____ of ____
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SITE DESCRIPTION

PROJECT LIMITS: _____

PROJECT DESCRIPTION: _____

MAJOR SOIL DISTURBING ACTIVITIES: _____

TOTAL PROJECT AREA: _____

TOTAL AREA TO BE DISTURBED: _____

WEIGHTED RUNOFF COEFFICIENT:
(AFTER CONSTRUCTION): _____

EXISTING CONDITION OF SOIL & VEGETATIVE
COVER AND % OF EXISTING VEGETATIVE COVER: _____

NAME OF RECEIVING WATERS: _____

EROSION AND SEDIMENT CONTROLS

SOIL STABILIZATION PRACTICES:

____ TEMPORARY SEEDING
____ PERMANENT PLANTING, SODDING, OR SEEDING
____ MULCHING
____ SOIL RETENTION BLANKET
____ BUFFER ZONES
____ PRESERVATION OF NATURAL RESOURCES

OTHER: _____

STRUCTURAL PRACTICES:

____ SILT FENCES
____ HAY BALES
____ ROCK BERMS
____ DIVERSION, INTERCEPTOR, OR PERIMETER DIKES
____ DIVERSION, INTERCEPTOR, OR PERIMETER SWALES
____ DIVERSION DIKE AND SWALE COMBINATIONS
____ PIPE SLOPE DRAINS
____ PAVED FLUMES
____ ROCK BEDDING AT CONSTRUCTION EXIT
____ TIMBER MATTING AT CONSTRUCTION EXIT
____ CHANNEL LINERS
____ SEDIMENT TRAPS
____ SEDIMENT BASINS
____ STORM INLET SEDIMENT TRAP
____ STONE OUTLET STRUCTURES
____ CURBS AND GUTTERS
____ STORM SEWERS
____ VELOCITY CONTROL DEVICES
____ EROSION CONTROL LOGS

OTHER: _____

NARRATIVE – SEQUENCE OF CONSTRUCTION (STORM WATER MANAGEMENT) ACTIVITIES:

STORM WATER MANAGEMENT: _____

OTHER EROSION AND SEDIMENT CONTROLS:

MAINTENANCE: _____

INSPECTION: _____

WASTE MATERIALS: _____

HAZARDOUS WASTE (INCLUDING SPILL REPORTING): _____

SANITARY WASTE: _____

OFFSITE VEHICLE TRACKING:

____ HAUL ROADS DAMPENED FOR DUST CONTROL
____ LOADED HAUL TRUCKS TO BE COVERED WITH TARPAULIN
____ EXCESS DIRT ON ROAD REMOVED DAILY
____ STABILIZED CONSTRUCTION ENTRANCE

OTHER: _____

REMARKS: _____

PERMITS:

CONTRACTOR SHALL UTILIZE THE STORM WATER POLLUTION PREVENTION PLAN AND SHALL OBTAIN ALL PERMITS AND FULFILL ALL PERMIT REQUIREMENTS, INCLUDING FEES, FOR T.C.E.Q. GENERAL PERMIT NO. TXR 150000 RELATING TO DISCHARGES FROM CONSTRUCTION ACTIVITIES. THESE ACTIVITIES INCLUDE, BUT ARE NOT LIMITED TO NOTICE OF INTENT (NOI, REQUIRED SITE POSTINGS AND NOTICE OF TERMINATION (NOT). ALL ACTIVITIES WILL BE PERFORMED AT THE MILESTONES REQUIRED BY THE T.C.E.Q. NO SEPARATE PAYMENT WILL BE MADE FOR SUCH PERMITS.

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STORM WATER POLLUTION PREVENTION PLAN NOTES
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Stormwater Pollution Prevention - Clean Water Act Section 402

TPDES TXR 150000: Stormwater Discharge Permit or Construction General Permit required for projects with 1 or more acres distrubed soil. Projects with any disturbed soil must protect for erosion and sedimentation.

☐ No Action Required ☐ Required Action

Action No.

1. Prevent stormwater pollution by controlling erosion and sedimentation in accordance with TPDES Permit TXR 150000
2. Comply with the SW3P and revise when necessary to control pollution or required by the Engineer.
3. Post Construction Site Notice, (CSN) with SW3P information on or near the site, accessible to the public and TCEQ, EPA or other inspectors.
4. When Contractor project specific locations (PSL's) increase disturbed soil area to 5 acres or more, submit NOI to TCEQ and the Engineer.

Work in or near Streams, Waterbodies and Wetlands Clean Water Act Sections 401 & 404

No Permit Required

USACE Permit required for filling, dredging, excavating or other work in any water bodies, rivers, creeks, streams, wetlands or wet areas.

The Contractor must adhere to all of the terms and conditions associated with the following permit(s):

☐
☐ Nationwide Permit 14 - PCN not Required (less than 1/10th acre waters or wetlands affected)
☐ Nationwide Permit 14 - PCN Required (1/10 to <1/2 acre, 1/3 in tidal waters)
☐ Individual 404 Permit Required
☐ Other Nationwide Permit Required: NWP* _____

Required Actions: List waters of the US permit applies to, location in project and check Best Management Practices planned to control erosion, sedimentation and post-project TSS.

1.
2.
3.
4.

Best Management Practices:

Erosion	*Sedimentation*	*Post-Construction TSS*
☐ Temporary Vegetation	☐ Silt Fence	☐ Vegetative Filter Strips
☐ Blankets/Matting	☐ Rock Berm	☐ Retention/Irrigation Systems
☐ Mulch	☐ Triangular Filter Dike	☐ Extended Detention Basin
☐ Sodding	☐ Sand Bag Berm	☐ Constructed Wetlands
☐ Interceptor Swale	☐ Straw Bale Dike	☐ Wet Basin
☐ Diversion Dike	☐ Brush Berms	☐ Erosion Control Compost
☐ Erosion Control Compost	☐ Erosion Control Compost	☐ Mulch Filter Berm and Socks
☐ Mulch Filter Berm and Socks	☐ Mulch Filter Berm and Socks	☐ Compost Filter Berm and Socks
☐ Compost Filter Berm and Socks	☐ Compost Filter Berm and Socks	☐ Vegetation Lined Ditches
	☐ Stone Outlet Sediment Traps	☐ Sand Filter Systems
	☐ Sediment Basins	

III. Cultural Resources

In the event historical issues or archeological artifacts (bones, burnt rock, flint, pottery, etc.) are found during construction, cease work in the immediate area and contact the Engineer immediately.

☐ No Action Required ☐ Required Action

Action No.

1.
2.
3.
4.
5.

IV. Vegetation Resources

Preserve native vegetation to the extent practical.

☐ No Action Required ☐ Required Action

Action No.

1.
2.
3.
4.

V. Federal Listed, and Proposed Threatened and Endangered Species, Critical Habitat, State Listed Species, Candidate Species and Migratory Birds.

☐ No Action Required ☐ Required Action

Action No.

1.
2.
3.
4.

If any of the listed species are observed, cease work in the immediate area, do not disturb species or habitat and contact the Engineer immediately. The work may not remove active nests from bridges and other structures during nesting season of the birds associated with the nests. If caves or sinkholes are discovered, cease work in the immediated area, and contact the Engineer immediately.

VI. Hazardous Materials or Contamination Issues

General (applies to all projects):

Comply with the Hazard Communication Act (the Act) for personnel who will be working with hazardous materials by conducting safety meetings prior to beginning construction and making workers aware of potential hazards in the workplace. Ensure that all workers are provided with personal protective equipment appropiate for any hazardous materials used.

Obtain and keep on-site Material Safety Data Sheets, (MSDS) for all hazardous products used on the project, which may include, but are not limited to the following categories: Paints, acids, solvents, asphalt products, chemical additives, fuels and concrete curing compounds or additives. Provide protected storage, off bare ground and covered, for products which may be hazardous. Maintain product labelling as required by the Act.

Maintain an adequate supply of on-site spill response materials, as indicated in the MSDS. In the event of a spill, take actions to mitigate the spill as indicated in the MSDS, in accordance with safe work practices, and contact the District Spill Coordinator immediately. The Contractor shall be responsible for the proper containment and cleanup of all product spills.

Contact the Engineer if any of the follwing are detected:

- *Dead or distressed vegetation (not identified as normal)*
- *Trash piles, drums, canister, barrels, etc.*
- *Undesirable smells or odors*
- *Evidence of leaching or seepage of substances*

Any other evidence indicating possible hazardous materials or contamination discoverd on site.

Hazardous Materials or Contamination Issues Specific to this Project:

☐ No Action Required ☐ Required Action

Action No.

1.
2.
3.
4.

VII. Other Environmental Issues

(Include applicable regional or site specific enviromental issues.)

☐ No Action Required ☐ Required Action

Action No.

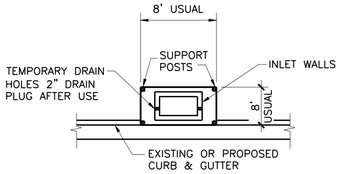
1.
2.
3.
4.

REVISION NO.	DATE	BY	DESCRIPTION

City Of Ingleside

CITY OF INGLESIDE
STORM WATER ENVIRONMENTAL PERMITS
ISSUED AND COMMENTS (EPIC) 2 OF 3

SHEET _____ of _____
RECORD DRAWING NO.
_____
CITY PROJECT # _____

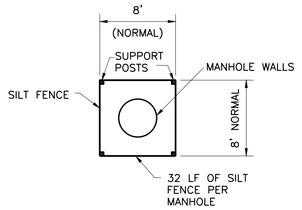


NOTE:

TYPICAL SILT FENCE INSTALLATION AT CURB INLET PRIOR TO PLACEMENT OF CURB AND INLET TOP.

CURB INLET - PLAN

NOT TO SCALE



MANHOLE - PLAN

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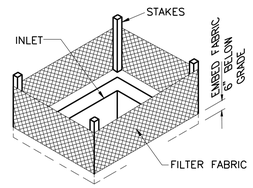
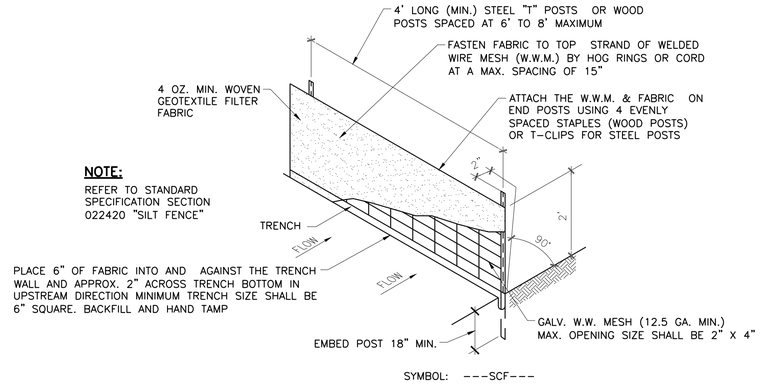


NOTES:

1. FILTER FABRIC INLET PROTECTION SHALL BE USED DURING CONSTRUCTION TO CONTROL SEDIMENTATION.
2. PERIMETER SILT FENCING AROUND INLET LOCATIONS SHALL BE INSTALLED AFTER PIPE IS PLACED.
3. FABRIC MATERIAL SHALL BE A NET-REINFORCED FENCE, USING WOVEN GEOTEXTILE FABRIC.
4. FENCE SHOULD BE REMOVED UPON COMPLETION OF CONSTRUCTION.

TEMPORARY FILTER FABRIC INLET PROTECTION DETAIL

NOT TO SCALE



NOTE:

REFER TO STANDARD SPECIFICATION SECTION 022420 "SILT FENCE"

SYMBOL: ---SCF---

TEMPORARY SEDIMENT CONTROL FENCE DETAIL

NOT TO SCALE

SEDIMENT CONTROL FENCE USAGE GUIDELINES:

SEDIMENT CONTROL FENCE MAY BE CONSTRUCTED NEAR THE DOWNSTREAM PERIMETER OF A DISTURBED AREA ALONG A CONTOUR TO INTERCEPT SEDIMENT FROM OVERLAND RUNOFF. A 2 YEAR STORM FREQUENCY MAY BE USED TO CALCULATE THE FLOW RATE TO BE FILTERED.

SEDIMENT CONTROL FENCE SHOULD BE SIZED TO FILTER A MAX. FLOW THROUGH RATE OF 100 GPM/FT. SEDIMENT CONTROL FENCE IS NOT RECOMMENDED TO CONTROL EROSION FROM A DRAINAGE LARGER THEN 2 ACRES.

* THE GUIDELINES SHOWN HERE ARE SUGGESTIONS ONLY AND MAY BE MODIFIED BY THE ENGINEER.

NOTES:

TYPICAL EROSION CONTROL INSTALLATION AT CURB INLET AFTER PLACEMENT OF CURB AND INLET TOP.

CURB INLET PROTECTION DETAIL

NOT TO SCALE

CURB INLET PROTECTION NOTES:

1. TO HOLD THE FILTER DIKE IN PLACE, 20 LB SANDBAGS SHALL BE USED AT 3' O.C. WHERE MINIMUM CLEARANCES CAUSE TRAFFIC TO DRIVE IN THE GUTTER, THE CONTRACTOR MAY SUBSTITUTE A 1"X4" BOARD, SECURED WITH 1/4" OR 3/8" CONCRETE SCREWS. THE 1/4" OR 3/8" CONCRETE SCREWS SHALL BE ATTACHED TO THE GUTTER BY DRILLING AN APPROPRIATE PILOT HOLE WITH A CONCRETE BIT AND INSERT PLASTIC FASTENERS. THE TOP OF THE SCREW SHALL BE RECESSED BELOW THE TOP OF THE BOARD. THE SCREWS SHALL BE PLACED ON 3' O.C. THIS METHOD IS USED IN LIEU OF SANDBAGS, IN THE GUTTER ONLY, TO HOLD THE FILTER DIKE IN PLACE. UPON REMOVAL, EITHER LEAVE THE PLASTIC FASTENERS IN PLACE, OR REMOVE THE PLASTIC FASTENERS, CLEAN ANY DIRT/DEBRIS FROM THE SCREW LOCATIONS, APPLY CHEMICAL SANDING AGENT AND APPLY NON-SHRINK GROUT FLUSH WITH THE SURFACE OF THE GUTTER. THIS METHOD SHALL NOT BE USED ON THE INLET IN LIEU OF SANDBAGS.
2. A SECTION OF FILTER FABRIC SHALL BE REMOVED AS SHOWN ON THIS DETAIL OR AS DIRECTED BY THE ENGINEER OR DESIGNATED REPRESENTATIVE. FABRIC MUST BE SECURED TO WIRE BACKING WITH CLIPS OR HOG RINGS AT THIS LOCATION.
3. DAILY INSPECTION SHALL BE MADE BY THE CONTRACTOR AND SILT ACCUMULATION MUST BE REMOVED WHEN DEPTH REACHES 2". INLET PROTECTION SHALL BE REPLACED AS NECESSARY DURING CONSTRUCTION DUE TO DAMAGE OR DETERIORATION (SUBSIDIARY TO INLET PROTECTION).
4. CONTRACTOR SHALL MONITOR THE PERFORMANCE OF INLET PROTECTION DURING EACH RAINFALL EVENT AND ONLY REMOVE INLET PROTECTION IF DIRECTED BY THE CITY OF INGLESIDE, OR IF CONTRACTOR OBSERVES AN IMMINENT THREAT OF FLOODING OF SURROUNDING PROPERTY.
5. INLET PROTECTIONS SHALL BE REMOVED AS SOON AS THE SOURCE OF SEDIMENT IS STABILIZED.

ROCK FILTER DAM AT EARTHEN BOTTOM CHANNEL

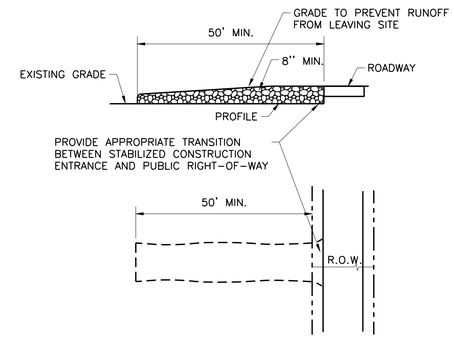
NOT TO SCALE

SECTION A-A

NOT TO SCALE

ROCK FILTER DAM NOTES:

1. IF SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER, FILTER DAMS SHOULD BE PLACED NEAR THE TOE OF SLOPES WHERE EROSION IS ANTICIPATED, UPSTREAM AND/OR DOWNSTREAM AT DRAINAGE STRUCTURES, AND IN ROADWAY DITCHES AND CHANNELS TO COLLECT SEDIMENT.
2. MATERIALS (AGGREGATE, WIRE MESH, SANDBAGS, ETC.) SHALL BE AS INDICATED BY THE SPECIFICATIONS FOR "ROCK FILTER DAMS FOR EROSION AND SEDIMENT CONTROL."
3. THE ROCK FILTER DAM DIMENSIONS SHALL BE AS INDICATED ON THE PLANS.
4. SIDE SLOPES SHOULD BE 2:1 OR FLATTER.
5. ROCK FILTER DAM SHALL BE A MINIMUM OF TWO FEET IN THICKNESS AT TOP OF DAM.
6. FILTER DAMS SHOULD BE EMBEDDED A MINIMUM OF 4" INTO EXISTING GROUND.
7. THE SEDIMENT TRAP FOR PONDING OF SEDIMENT LADEN RUNOFF SHALL BE OF THE DIMENSIONS SHOWN ON THE PLANS.
8. ROCK FILTER DAM SHALL BE SECURED WITH 20 GUAGE GALVANIZED WOVEN WIRE MESH WITH 1" DIAMETER HEXAGONAL OPENINGS. THE AGGREGATE SHALL BE PLACED ON THE MESH TO THE HEIGHT & SLOPE SPECIFIED. THE MESH SHALL BE FOLDED AT THE UPSTREAM SIDE OVER THE AGGREGATE AND TIGHTLY SECURED TO ITSELF ON THE DOWNSTREAM SIDE USING WIRE TIES OR HOG RINGS. IN STREAM USE THE MESH SHOULD BE SECURED OR STAKED TO THE STREAM BED PRIOR TO AGGREGATE PLACEMENT.
9. FLOW OUTLET SHOULD BE ONTO A STABILIZED AREA (VEGETATION, ROCK, ETC.)
10. THE GUIDLELINES SHOWN HEREON ARE SUGGESTIONS ONLY AND MAY BE MODIFIED BY THE ENGINEER.



PLAN

STABILIZED CONSTRUCTION ENTRANCE

NOT TO SCALE

CONSTRUCTION ENTRANCE NOTES:

1. STONE SIZE: 3-5" OPEN GRADED ROCK.
2. LENGTH: AS EFFECTIVE BUT NOT LESS THAN 50'.
3. THICKNESS: NOT LESS THAN 8".
4. WIDTH: NOT LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS/EGRESS.
5. WASHING: WHEN NECESSARY, VEHICLE WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC ROADWAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE AND DRAINS INTO AN APPROVED TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATERCOURSE USING APPROVED METHODS.
6. MAINTENANCE: THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADWAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND, AS WELL AS REPAIR AND CLEAN OUT OF ANY MEASURE DEVICES USED TO TRAP SEDIMENT. ALL SEDIMENTS THAT IS SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADWAY MUST BE REMOVED IMMEDIATELY.
7. DRAINAGE: ENTRANCE MUST BE PROPERLY GRADED OR INCORPORATE A DRAINAGE SWALE TO PREVENT RUNOFF FROM LEAVING THE CONSTRUCTION SITE.

REVISION NO.	DATE	BY	DESCRIPTION

City Of Ingleside

CITY OF INGLESIDE

STORM WATER POLLUTION PREVENTION STANDARD DETAILS

3 OF 3

SHEET _____ of _____

RECORD DRAWING NO.

CITY PROJECT # _____

APPENDIX G
PROJECT RANKING

Project Ranking												
CIP #	Project Name	Life and Safety [5 - Year Maximum Inundation Depth (ft)]	Life and Safety Score	Property Damage [No. of Potentially Inundated Structures in 5-Year Storm]	Property Damage Score	Road Level of Service	Road Level of Service Score	Planning Linkages	Planning Linkages Score	Project Cost	Project Cost Score	Project Total Score	Project Ranking
1	Site 1: Humble Ditch Improvements	1.2	2	37	5	No Road	0	Yes	5	$10,227,900	1	2.70	6
2	Site 3: Kenny Lane/Whitney Lake Infrastructure	1.7	3	8	2	Collector	3	Yes	5	$2,876,083	2	2.96	3
3	Site 4: SH 1069 Drainage Improvements - McCampbell Slough to Mooney Lane	1.4	2	16	3	Arterial	5	No	0	$15,869,600	1	2.45	7
4	Site 5: Mooney/Morgan Long-Term Ponding – Avenue A to Saunders Street	2.9	5	3	2	Local	1	No	0	$1,019,800	2	2.40	8
5	Site 6: Nystrom Addition Drainage Improvements	0.8	1	4	2	Local	1	Yes	5	$2,823,800	2	1.95	9
6	Site 7: Parkside Terrace Subdivision Drainage Improvements	1.7	3	17	3	Local	1	Yes	5	$9,148,800	1	2.71	5
7	Site 8: Villanova Place Drainage Improvements	2.4	4	180	5	Local	1	No	0	$10,075,000	1	2.75	4
8	Site 9: Humble Addition and Avenue B Drainage Improvements	1.5	3	19	3	Collector	3	Yes	5	$5,362,300	1	3.10	2
9	Site 10: Live Oak Ditch	1.6	3	11	3	Arterial	5	Yes	5	$16,188,700	1	3.50	1

Project Scoring Rubric									
Life and Safety [5 - Year Maximum Inundation Depth (ft)]	Life and Safety Score	Property Damage [No. of Potentially Inundated Structures in 5-Year Storm]	Property Damage Score	Road Level of Service	Road Level of Service Score	Planning Linkages	Planning Linkages Score	Project Cost	Project Cost Score
2.5	5	30	5	Arterial	5	Yes	5	$ 100,000	5
2.0	4	20	4	Collector	3	No	0	$ 500,000	4
1.5	3	10	3	Local	1			$ 1,000,000	3
1.0	2	3	2	No Road	0			$ 5,000,000	2
0.5	1	1	1					$ > $5,000,000	1
0.0	0	0	0						

APPENDIX H
FUNDING SOURCE MATRIX

	Flood Infrastructure Fund	Community Development Block Grant - Mitigation	Community Development Block Grant - Disaster Recovery	Texas CDBG - Community Development Fund (Grant)	Clean Water State Revolving Fund	Nonpoint Source Grant Program [Section 319 (h)]	Flood Mitigation Assistance Grant	Hazard Mitigation Grant Program - 404
Sponsor	TWDB	HUD/GLO	HUD/GLO	TDA	EPA/TWDB	EPA/TCEQ/TSWCB	FEMA/TWDB	FEMA/TDEM
Grant/Loan	Mixed Loan (0% interest) and Grant	Grant	Grant	Grant	Loan, Loan Forgiveness	Grant	Grant	Grant
Eligible Funding Activities	Drainage, flood mitigation and flood control such as: -Planning and design activities -Work to obtain regulatory approvals -Construction and implementation of flood projects	-Activities that 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. -Per the Action Plan, funding will go toward 11 programs (local/regional mitigation, housing, planning), 3 of which are project competitions.	-Repairing, enhancing, and restoring infrastructure for local communities impacted by presidentially-declared disasters as part of a comprehensive long-term recovery program. Match for FEMA Public Assistance and Hazard Mitigation Grant Programs may be eligible. -Flood control and drainage repair and improvements -Restoration of infrastructure such as water and sewer facilities	Plan, design and construct public works projects in nonentitlement communities	-Planning, design and construction of wastewater infrastructure, including treatment and reuse facilities -Stormwater management and Nonpoint Source (NPS) pollution control	-Implementation of watershed protection plans -NPS portion of Total Maximum Daily Load (TMDL) Implementation Plans -Surface water quality monitoring, data analysis and modeling -Best management practices (BMPs) -Public outreach/education	-Project Scoping, Community Flood Projects, Technical Assistance, Flood HMP, and Individual Mitigation Projects, including: -Acquisition for demolition or relocation -Structure elevation or reconstruction -Dry flood-proofing (non-residential and historic) -Minor, localized flood reduction projects -Structural/non-structural retrofitting -Soil Stabilization -HMP (flood hazard only) development or update	-Acquisition for demolition or relocation -Structure elevation Dry flood-proofing -Minor, localized flood reduction projects (aquifer storage and recovery, floodplain and stream restoration, flood diversion and storage, or green infrastructure) -HMP development
Cost Share	Varies	None (100% Grant), additional scoring points for 1% local share	None (100% Grant)	Varies; typically 75% Grant / 25% Local	Long-term fixed rate loans at subsidized interest rates (up to 40% reduction from market rates) with a maximum repayment period of 30 years Additional subsidies (grants) available for disadvantaged communities, green projects, and emerging contaminents such as PFAS	60% Federal / 40% Local Match	0% Local/100% Federal, for projects involving Severe Repetitive Loss Properties 10% Local/90% Federal, for projects involving Repetitive Loss Properties 25% Local/75% Federal, for projects involving NFIP insured properties	25% Local/ 75% Federal
Recent Funding Levels	2024-2025: $375 M	$4.3 B total. Statewide competitive: 2015: $46,096,950 2016: $147,680,760 Harvey: $2,144,776,720	Based on congressional appropriation	PY 2023: $49.8 M	SFY 2024: $460 M	Not listed	Under the CY 2024 NOFO, $800 M Up to: $60 M for Capability and Capacity Building, $340 M for Localized Flood Risk Reduction Projects, and at least $400 M for Individual Flood Mitigation Projects	Variable (disaster-dependent)
Project Funding Cap	Overall, just the program capacity; Grant, $18.75 M	Varies for current Regional Mitigation Distribution thru COGS For Statewide competition 2015/2016: max $10 M, min $3 M Harvey: max $100 M, min $3 M (Projects >$100 M are Covered Projects Requiring State Action Plan Amendment)	Depends on state action plan	$500,000	Loans - None Principal forgiveness - $10 M from all sources (disadvantaged community, green, small/rural)	Not listed	$900,000 for project scoping, $50 M for localized flood risk reduction projects (previously called community flood projects); $50,000 per state for technical assistance; $25,000 for local HMP update $300,000 for other Capability and Capacity Building (C&CB) Activities	Based on project cost
Availability	$375 M available 2024-2025	Currently, $1.2B being distributed thru the Regional Mitigation Program by 9 regional COGS For Statewide Competition: One Time Occurrence (began 2020);	Following Presidential Disaster Declaration	Biennial	Annual	Annual	Annual	Following Presidential Disaster Declaration
Requirements	-Must show what the benefit/cost ratio is (at least 1:1) for construction related projects -Memorandum of understanding with neighboring political subdivisions relating to the management of watershed when same is partially located outside the applicant's jurisdiction -Must have floodplain ordinances or orders in place and enforced to NFIP standards	-Presidential Disaster Declaration. Eligible Counties varies by disaster (2015, 2016, Harvey) -Socially vulnerable Low market values -Low to moderate income >51% -Competition seeks projects with the highest benefitting population / project cost ratio	HUD's National Objectives: -Assist Low to Moderate Income (LMI) with housing, infrastructure, or economic development needs. -Alleviate Slum and Blight -Address Urgent Need	Eligible applicants are nonentitlement general purpose units of local government including cities (<50,000 pop) and counties (<200,000 pop) that are not participating or designated as eligible to participate in the entitlement portion of the federal Community Development Block Grant Program (CDBG)	-Water conservation and drought contingency plan for loans more than $500,000 -NEPA review -Davis-Bacon Act wage rates -Disadvantaged Business Enterprise program compliance -Build America, Buy America Act provisions (American Iron & Steel, manufactured products, construction materials)	-Quality Assurance Project Plan (QAPP) -See Priority Waters list for areas that are "of particular interest"	-Community participation in the NFIP (and in good standing) -Mitigated property insured by NFIP -FEMA-approved and locally adopted HMP -Cost-beneficial project	-Presidentially declared disaster -Community participation in NFIP (for projects located in SFHA) -FEMA-approved HMP -Cost-beneficial project
Application Deadline	2024 abridged applications due March 15, 2024	For Regional Mitigation, varies. 2015, 2016, 1st Round of Harvey closed.	Unknown at this time - dependent on the disaster timeline	Application Deadline: May 3, 2023	Next, March 1, 2024	Established annually; next call for applications expected Summer 2024	NOFO/E-grants Access: Typically August; Application Call: Typically October; Deadline: Typically End of January *State deadlines can be prior to FEMA* Texas 2024 Deadline as January 8.	Established following Presidential Disaster Declaration. 30 days for letter of intent from state/local government, sup-applications usually due within 1 year
Website	https://www.twdb.texas.gov/financial/programs/fif/index.asp	https://recovery.texas.gov/mitigation/	https://recovery.texas.gov/disasters/index.html	https://www.texasagriculture.gov/GrantsServices/RuralEconomicDevelopment/	https://www.twdb.texas.gov/financial/programs/CWSRF/index.asp?	https://www.tceq.texas.gov/waterquality/nonpoint-source/grants/grant-pgm.html#eligibleactivities	https://www.twdb.texas.gov/financial/programs/FMA/index.asp	https://www.fema.gov/grants/mitigation/hazard-mitigation
Legend	BRIC = Building Resilient Infrastructure and Communities • EPA = Environmental Protection Agency • FEMA = Federal Emergency Management Agency • GLO = Texas General Land Office • HMP = Hazard Mitigation Plan • HUD = Department of Housing and Urban Development • NFIP = National Flood Insurance Program • NRCS = Natural Resources Conservation Service • PY = Program Year • SFHA = Special Flood Hazard Area • SFY = State Fiscal Year • TCEQ = Texas Commission on Environmental Quality • TDA = Texas Department of Agriculture • TDEM = Texas Division of Emergency Management • TPWD = Texas Parks and Wildlife • TSWCB = Texas Soil and Water Conservation Board • TWDB = Texas Water Development Board • USACE = United States Army Corps of Engineers • USDA RD = United States Department of Agriculture - Rural Development • WEP = Water and Environment Program							

	BRIC Grant	Cooperating Technical Partners (CTP) Program	406 Mitigation Grant Program - Public Assistance	High Hazard Potential Dam Grant Program	Emergency Watershed Protection Program (Grant)	Watershed and Flood Prevention Operations Program	Watershed Rehabilitation	Water and Environmental Programs
Sponsor	FEMA/TDEM	FEMA	FEMA/TDEM	FEMA/TCEQ	NRCS	NRCS	NRCS	USDA RD
Grant/Loan	Grant	Grant	Grant	Grant	Grant	Grant	Grant	Grants and Loans
Eligible Funding Activities	-Capability and Capacity Building (Including HMP development, project development, application development) -Mitigation Projects, with a focus on community-wide infrastructure projects	-Support communities to continue ongoing regulatory NFIP responsibilities and mitigate risk through flood risk mapping, risk communications, and more (as part of the Risk MAP process). -Fundable activities include: Program Management, Communication and Outreach Strategies, LOMR Review, Special Projects, Technical Hazard Identification, Risk Analysis and Mapping.	-406 funds mitigation (Public Assistance) measures in conjunction with the repair of the disaster-damaged facilities	-Technical, planning, design, and construction activities toward: repair, replacement, reconstruction or removal of dams (includes Planning and Risk Prioritization projects)	Recovery Measures for watershed impairments: -Purchase floodplain easements Site-specific measures (non-prescriptive) to protect and repair sites, such as: -Provide protection from flooding or soil erosion -Remove debris that would affect runoff or erosion -Restore hydraulic capacity -Repair levees and structures -Repair conservation practices	-Flood damage mitigation: dams, easements, flood- proofing -Agricultural/rural water supply -Water quality Water conservation -Groundwater recharge -Public fish and wildlife habitat -Public water-based recreation	Rehabilitation or decommission of NRCS dams: -Funds Assessment, Planning, Design, and Construction	Design and construction of water, sanitary sewer, stormwater and solid waste facilities
Cost Share	Standard - 25% Local/75% Federal Up to 90% Federal share for Economically Disadvantaged Rural Communities Management costs paid at 100%	Cost share or match is not required	25% Local/ 75% Federal	35% Local/ 65% Federal	25% Local/ 75% Federal (90% federal for limited resource areas)	Varies, depending on both federal and state contributions	35% Local/ 65% Federal	Loans and a limited number of grants
Recent Funding Levels	6% of all federal disaster spending 2023/2024 - $1.0 B ($224 M State Allocation, $50 M Tribal, $701 M National Competition for Mitigation Projects)	FY 2022 Funding: $104 M	Variable (disaster-dependent)	FY 2024 Funding: $185 M	Varies, requires Congressional Approval	Unknown at this time	Unknown at this time	unknown
Project Funding Cap	$50 M for projects up to $1 M per state may be used for planning activities	Not explicit. 140 awards expected ($1.0 M avg)	Cost must be reasonable and justifiable	Based on State Allocation	Not listed	Not listed	Historically funded ~$1 M - $5 M per state, multiple projects per State	Varies
Availability	Annual	Annual	Following Presidential Disaster Declaration	Annually - dependent on the amount of funds available (TCEQ)	Following Natural Disaster (floods, windstorms, fire, drought, etc.)	Annual	Ongoing	Annually
Requirements	-States that have had a major disaster declaration in the last 7 years (COVID-19 resets 7 years to start at 2020 for all states) -Community participation in NFIP (for projects located in SFHA) -FEMA-approved HMP -Cost-beneficial project	-Participate in NFIP, comply with all statues and regulations -Sign a partnership agreement with FEMA	-Declared County -Eligible damaged facility and applicant -Cost-beneficial project OR Cost for mitigation measure doesn't exceed 15% of the damaged facility's repair cost OR mitigation measure is listed -Cost Effective Hazard Mitigation Measures AND the cost doesn't exceed 100% of the damaged facility's repair cost	Dam: dam classified as "high hazard potential" per State Dam Safety Program, have an Emergency Action Plan, fail to meet state safety standards -Community participation in the NFIP -FEMA-approved State HMP with all-dam risk -Floodplain Management Plan -Risk Prioritization -State Dam Safety Agency approval of award -Mitigated property insured by NFIP	-Impaired watershed as a result of a natural disaster -Cannot solve pre-existing problems -Cannot fund improved protection level prior to the disaster (paid by applicant) -Complete within 220 days of funding -HMP *not* required	Area must be less than 250,000 acres	-NRCS dams -National Environmental Policy Act	-Population less than 10,000 -Preliminary engineering report -Environmental report -Median household income
Application Deadline	NOFO/E-grants Access: Typically August; Application Call: Typically October; Deadline: Typically End of January *State deadlines can be prior to FEMA* Texas 2022 Deadline as December 2.	Unknkown at this time	Established following Presidential Disaster Declaration	Annually - dependent on the amount of funds available (TCEQ)	Within 60 days following the date of the natural disaster	Established annually	Ongoing	Applications accepted year-round
Website	https://www.fema.gov/grants/mitigation/building-resilient-infrastructure-communities	https://www.fema.gov/flood-maps/guidance-partners/cooperating-technical-partners	https://www.fema.gov/sites/default/files/2020-06/fema-pa406-mitigation-brochure.pdf	https://www.fema.gov/emergency-managers/risk-management/dam-safety/grants#hhpd	https://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/programs/landscape/ewpp/?cid=nrcseprd1381472	https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/landscape/wfpo/	https://www.nrcs.usda.gov/programs-initiatives/watershed-rehabilitation	https://www.rd.usda.gov/programs-services/all-programs/water-environmental-programs
Legend	BRIC = Building Resilient Infrastructure and Communities • EPA = Environmental Protection Agency • FEMA = Federal Emergency Management Agency • GLO = Texas General Land Office • HMP = Hazard Mitigation Plan • HUD = Department of Housing and Urban Development • NFIP = National Flood Insurance Program • NRCS = Natural Resources Conservation Service • PY = Program Year • SFHA = Special Flood Hazard Area • SFY = State Fiscal Year • TCEQ = Texas Commission on Environmental Quality • TDA = Texas Department of Agriculture • TDEM = Texas Division of Emergency Management • TPWD = Texas Parks and Wildlife • TSWCB = Texas Soil and Water Conservation Board • TWDB = Texas Water Development Board • USACE = United States Army Corps of Engineers • USDA RD = United States Department of Agriculture - Rural Development • WEP = Water and Environment Program							

	Continuing Authorities Program	Deepwater Horizon (DWH) Natural Resource Damage Assessment (NRDA) Funds	Texas CDBG - Colonia Fund (Grant)	Flood Control Dam Infrastructure Projects-Supplemental Funding	Structural Dam Repair Grant Program
Sponsor	USACE	TGLO / TCEQ / TPWD	TDA	TSWCB	TSWCB
Grant/Loan	Grant	Grant	Grant	Grant	Grant
Eligible Funding Activities	-Flood risk management -Ecosystem restoration -Erosion control -Stream bank restoration -Multipurpose projects	Restoring wetlands and other coastal habitats, reducing nonpoint source pollution, replenish and protect living coastal and marine resources	- Water and wastewater improvements - Housing rehabilitation for low to modearate-income households - Payment of assessments levied against properties owned and occupiied by persona of low and moderate income to recover the capital cost for a public improvement and other improvements including street paving and drainage	- Repair and rehabilitate flood control structures	
Cost Share	Feasibility Plan - $100,000 Federal then 50%/50% Design and Implementation 65% Federal/ 35% Applicant minimum	100% Grant			95% of the cost of allowable repair activities
Recent Funding Levels	Congress appropriated $53 M in FY 2022; IIJA provided $465 M; USACE FY 2023 IIJA spend plan was $380.3 M	Varies based on major restoration categories	unknown	Last update - $150 M appropriations bill passed June 6, 2019	
Project Funding Cap	Varies by section - $5-10 M typical	Not listed	Maximum of $1,000,000		
Availability	Ongoing	multiple cycles of planning, release and implementation of restoration plans will occur until funding is expended	Biennial		
Requirements	Federal requirements apply	-Comprehensive, integrated ecosystem-restoration approach for implementation; -Projects must be sponsored and administered by a trustee agency;	- This fund is available to eligible county applicants for projects in severely distressed unincorporated areas which meet the definition as a “colonia” under this fund. Eligible areas are units of general local government limited to nonentitlement areas (with the exception of Hidalgo County) located within 150 miles of the Texas-Mexico border. - Except for fund categories where additional restrictions apply, a county can only submit applications on behalf of eligible colonia areas located within 150 miles of the Texas-Mexico border region, except that any county that is part of a standard metropolitan statistical area with a population exceeding 1,000,000 is not eligible under this fund.		- dams constructed by the USDA-NRCS - priority given to damns that have the highest hazard classification and the highest potential to fail as a result of a rainfall event
Application Deadline	Ongoing based on project sponsor notifying USACE District of problem and requesting assistance	Ongoing	Last, May 3, 2023		
Website	https://www.nae.usace.army.mil/Missions/Public-Services/Continuing-Authorities-Program/	https://www.glo.texas.gov/coast/coastal-management/nrda/index.html	https://texasagriculture.gov/GrantsServices/RuralEconomicDevelopment/RuralCommunityDevelopmentBlockGrant(CDBG)/CDBGResources/Applications/ColoniaConstructionFundApplicationandGuide.aspx	https://www.tsswcb.texas.gov/flood-control-repair-projects	https://www.tsswcb.texas.gov/programs/flood-control-program
Legend	BRIC = Building Resilient Infrastructure and Communities • EPA = Environmental Protection Agency • FEMA = Federal Emergency Management Agency • GLO = Texas General Land Office • HMP = Hazard Mitigation Plan • HUD = Department of Housing and Urban Development • NFIP = National Flood Insurance Program • NRCS = Natural Resources Conservation Service • PY = Program Year • SFHA = Special Flood Hazard Area • SFY = State Fiscal Year • TCEQ = Texas Commission on Environmental Quality • TDA = Texas Department of Agriculture • TDEM = Texas Division of Emergency Management • TPWD = Texas Parks and Wildlife • TSWCB = Texas Soil and Water Conservation Board • TWDB = Texas Water Development Board • USACE = United States Army Corps of Engineers • USDA RD = United States Department of Agriculture - Rural Development • WEP = Water and Environment Program				

APPENDIX I
SUMMARIES OF PUBLIC AND STAKEHOLDER ENGAGEMENT ACTIVITIES

MEMORANDUM

FREESE AND NICHOLS

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TO: Gary Paredez

CC: Dale McConnell, Donald Paty

FROM: Sarah West, PE, CFM

SUBJECT: Summary of Stakeholder Responses – SPCDD, TxDOT, & City of Aransas Pass

DATE: 2/10/2023

PROJECT: Ingleside Drainage Master Plan

The following questions were prepared and shared with the three (3) documented stakeholders (San Patricio County Drainage District (SPCDD), TxDOT, and the City of Aransas Pass) who potentially have jurisdiction over drainage infrastructure within the Ingleside City Limits, or over outfalls for the City of Ingleside. One in-person stakeholder meeting was held on 12/13/22 (City of Aransas Pass staff attended), and the questions were emailed to the stakeholders who were unable to attend the meeting (SPCDD and TxDOT). All responses to the questions are summarized below. Original questions are in **black text** and responses are included in **blue text.**

Stakeholder Questions – San Patricio County Drainage District:

Responder for SPCDD – Michael Vanecek and Roy Heistermann

1. What projects do they have going on that could impact the drainage in the future and timeline of those projects? - There are currently no planned drainage improvement projects within the City of Ingleside. The SPCDD relies on the City of Ingleside to prioritize future drainage projects and the City may use its currently available drainage funds.
    a. Anything coming out of the San Patricio County Drainage Master Plan that is underway? - Currently, no projects from the Drainage Master Plan for the Ingleside area are underway by the SPCDD.
2. Any past storm events that caused flooding? - There have been several storms that caused flooding throughout the City.
    a. Topical or local event? - The SPCDD does not keep records on flood events within the City unless they require subsequent drainage improvements.
        i. If local event what do you believe caused it (e.g. lack of drainage infrastructure, clogged pipes/inlets, etc..) - The flat topography and lack of adequate drainage outfall capacity within the existing ditches.
    b. Any documented high water marks? - No
3. What drainage components do you have jurisdiction over that impact the City of Ingleside's systems? - The attached map shows the existing ditches that are within the jurisdiction of the existing SPCDD drainage easements. [**Map attached to these notes for ease of reference.**]
    a. Confirm jurisdictional limits of the channels (McCampbell, Humble, Kinney); any SPCDD jurisdiction? - See attached map for the limits of drainage easements.
4. How are funds for drainage improvement projects allocated (specifically set aside for the City of Ingleside, or one large pot)? - The SPCDD allocates $70,000 per year for drainage-related projects

in the City of Ingleside. The current accumulated balance of funds for the City of Ingleside is $68,842.

   a. Does SPCDD allocate funds to specific projects? - No, the City decides how to allocate the drainage funds.

5. What is your inspection and maintenance schedule for stormwater system components (specifically those affecting the City of Ingleside)? - Maintenance is provided on an as-needed basis, as our schedule allows.
6. We are aware of an agreement between the City of Ingleside and SPCDD dated 9/26/1978. Is there a more current agreement we need to be aware of and/or a desire to update the 1978 agreement terms? - No
7. Is there a drainage easement through Buckeye property? If so, who has control of that easement and any future infrastructure (City of AP or SPCDD)? - Buckeye has not provided any drainage easement although one was requested in August 2019 (See attached pdf). [**Exhibit attached to these notes for ease of reference.**]
8. Would you consider joint participation in projects. Example: If City designs, would SPCDD construct/own/maintain? - The SPCDD does not do its own construction work anymore with the exception of setting culverts with a diameter of 36" or less. The SPCDD hires contractors from a pre-approved list for drainage projects within the existing SPDDD easements. The City of Ingleside may request the assistance of the SPCDD for ditch cleaning within the City.

Stakeholder Questions – TxDOT:

Responder for TxDOT – Robert Isassi

1. Do you have any planned projects that could impact the drainage in Ingleside, and can you provide the timeline of those projects?
   a. Looking into the next 3 to 5 years, the only project that comes to mind that could impact drainage would be the proposed SH-200 project within the City Limits of Ingleside. Other proposed would likely be roadway overlays, sidewalk, and traffic signal work.
2. Any past storm events that caused flooding?
   a. Topical or local event?
      i. If local event what do you believe caused it (e.g. lack of drainage infrastructure, clogged pipes/inlets, etc..)
      ii. Tropical Event: Hurricane Harvey. It was the events that caused flooding on our TxDOT facilities. What comes to mind as the closest we came to flooding is FM1069 (Main St) just north of 8th St (on the west side of the roadway). It is important that this outfall be maintained.
   b. Any documented high water marks? – Not to my knowledge.
3. What drainage components do you have jurisdiction over that impact the City of Ingleside's systems?
   a. State Roadway ditches such as the ditchline along FM1069. Culvert inlets and internal roadway drainage systems such as the system under SH-361 or FM1069 within the City.
4. What is your inspection and maintenance schedule for stormwater system components (specifically those affecting the City of Ingleside)?
   a. TxDOT works closely with the San Patricio County Drainage District to discuss and troubleshoot any drainage issues noted. TxDOT inspects bridges and water crossings routinely at least every two years a comprehensive inspection is done on bridge class culverts and large bridges. TxDOT maintenance forces inspect curb and drop inlets routinely when it becomes evident that drainage is moving slower than in previous years.

5. Are there any current maintenance and stormwater improvement agreements we need to be aware of?
    a. Not specifically to my knowledge but when new development is proposed and a developer wishes to gain access to the State Roadway system directly by way of a driveway permit, TxDOT also looks at how this new development will affect drainage.
6. Would you consider joint participation in projects. Example: If City designs, would SPCDD construct/own/maintain?
    a. Yes, projects like this could happen through a Donation Agreement where the City would propose an improvement in TxDOT right-of-way that benefits the City and/or the State and TxDOT would allow the City or its contractor to construct in State ROW where, when complete, TxDOT would take it into its system and maintain it. There are many types of Donation Agreements that could be done and could be handled on a case-by-case basis. The City would just need to discuss it with me and, if agreeable, I would walk the City through the process on something like this.

Stakeholder Questions – City of Aransas Pass:

Responder for Aransas Pass – David Flores

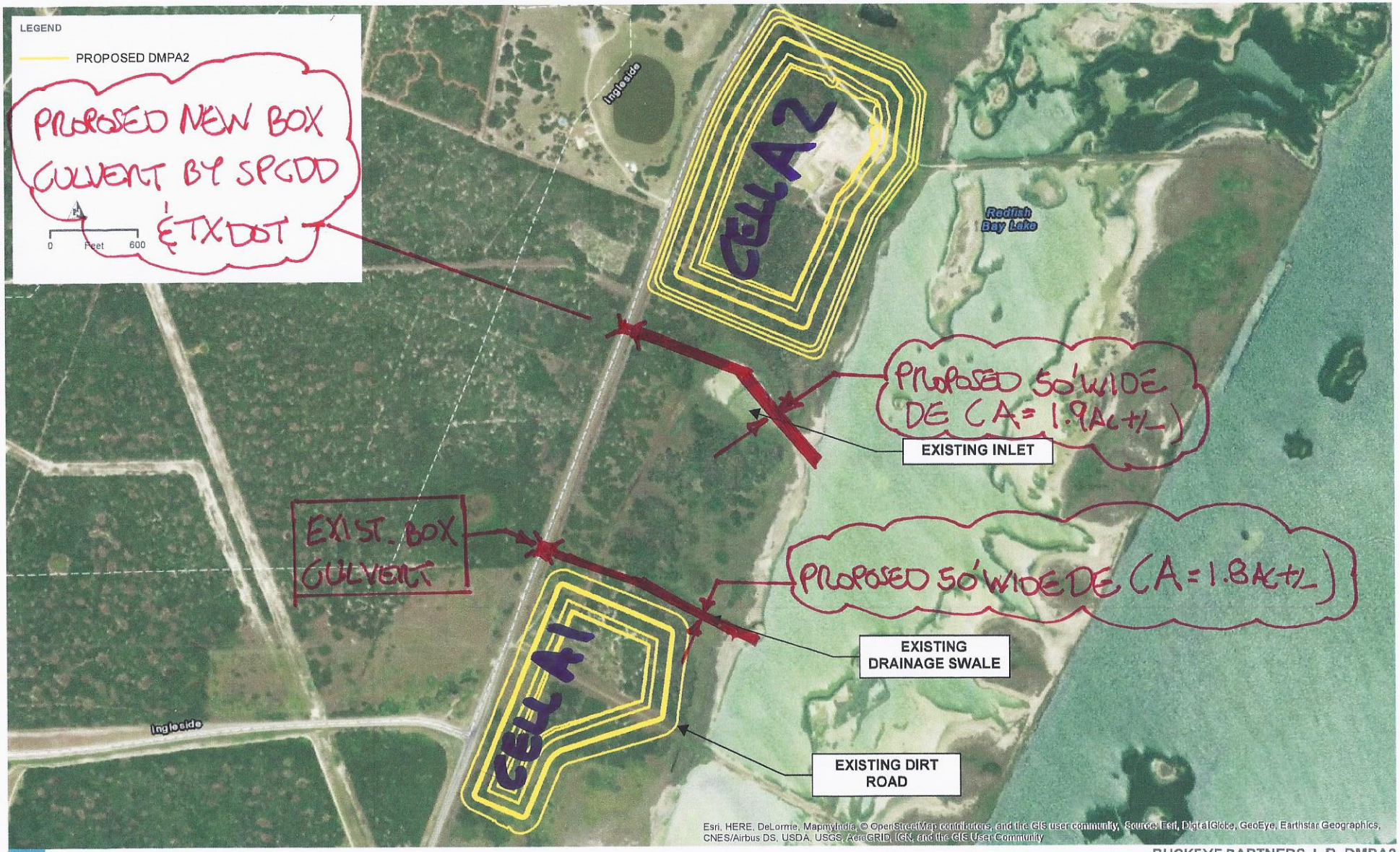
1. Do you have any planned projects that could impact the drainage in Ingleside, and can you provide the timeline of those projects?
    a. Aransas Pass is rebuilding 2 stormwater pump stations (Goodnight & Maddox) and replacing some existing infrastructure (new pipes, but not upsizing), but that should not affect Ingleside's drainage.
    b. The Euclid pump station is not slated for any repairs/upgrades.
        i. Sarah informed David that the Euclid pump station is on the list of projects in the Nueces Regional Flood Plan.
        ii. David requested Sarah send the description of that project.
2. Any past storm events that caused flooding?
    a. Topical or local event? – Had flooding with Hurricane Harvey in Aug 2017.
        i. If local event what do you believe caused it (e.g. lack of drainage infrastructure, clogged pipes/inlets, etc..)
    b. Any documented high water marks?
        i. City does not have any documented high-water marks that David is aware of.
3. What drainage components do you have jurisdiction over that impact the City of Ingleside's systems?
    a. Confirm jurisdictional limits of the channels (McCampbell, Humble, Kinney); any City of Aransas Pass jurisdiction?
        i. Aransas Pass doesn't have jurisdiction on any of these 3 channels.
    b. Aransas Pass does have jurisdiction over the drainage ditches on Beasley and is looking at improvements here (improvements for area between Beasley & Rhodes; close to Saunders).
        i. Dale requested David keep Ingleside public works staff informed about specific plans as they're developed.
4. Are there any current development, maintenance, and stormwater improvement agreements we need to be aware of?
    a. No official agreements in place between the two municipalities, but they have always had good working relationships between the public works departments.

5. Is there a drainage easement through Buckeye property? If so, who has control of that easement and any future infrastructure (City of AP or SPCDD)?
    a. David will confirm jurisdiction across this property
    b. Dale noted that there are possibly sluffed spoils that are blocking the existing ditch across that property.
6. Would you consider joint participation in projects. Example: Would Aransas Pass contribute design/construction funds for a mutually beneficial project?
    a. Aransas Pass public works staff would support joint projects, but Aransas Pass and Ingleside City Managers and Councils will have the ultimate decision.
7. General Discussion
    a. Flooding is tidally influenced in Ingleside
    b. Ingleside staff noted that when the soils are already saturated a 1”/hr rainfall will cause flooding.
    c. Ingleside staff noted that they have had some flooding issues since the TxDOT roadway (FM 1069) was repaved. Aransas Pass staff was not aware of similar issues in their jurisdiction along that roadway.

SAN PATRICIO COUNTY DRAINAGE DISTRICT

SCALE: 1"=1000'	REVISIONS		BY	DATE
DATE: 12-1-2022				
DRN: L.R.M. CHKD.				
APVD.				

TITLE: EASEMENTS-INGLESIDE, TX NO.



HDR

BUCKEYE PARTNERS, L.P. DMPA2

PROJECT LOCATION MAP

EXHIBIT 1

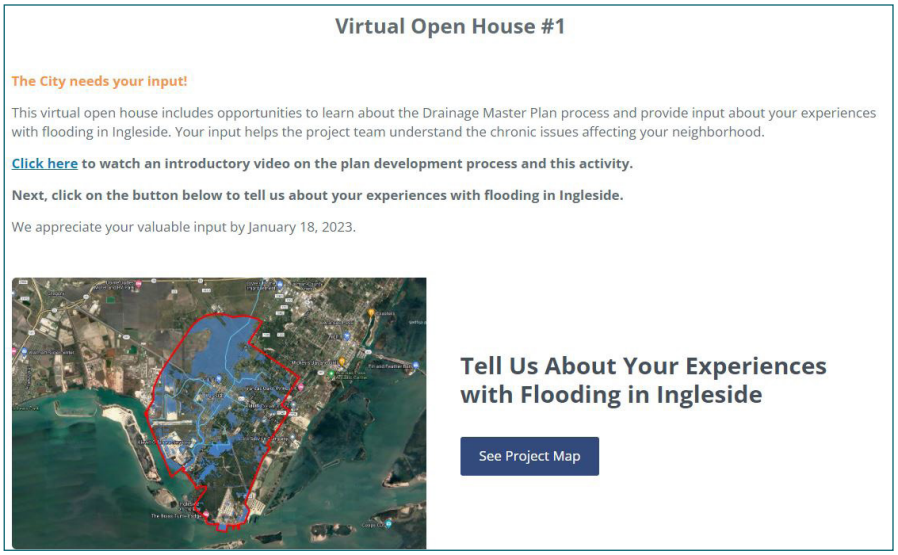
PATH: C:\WORKSPACE\NORTHCANALIGE\EXHIBIT1.MXD • USER: JBLEVINS • DATE: 5/13/2016

DRAINAGE ANALYSIS OF BUCKEYE PARTNERS, L.P. DREDGE MATERIAL PLACEMENT AREA

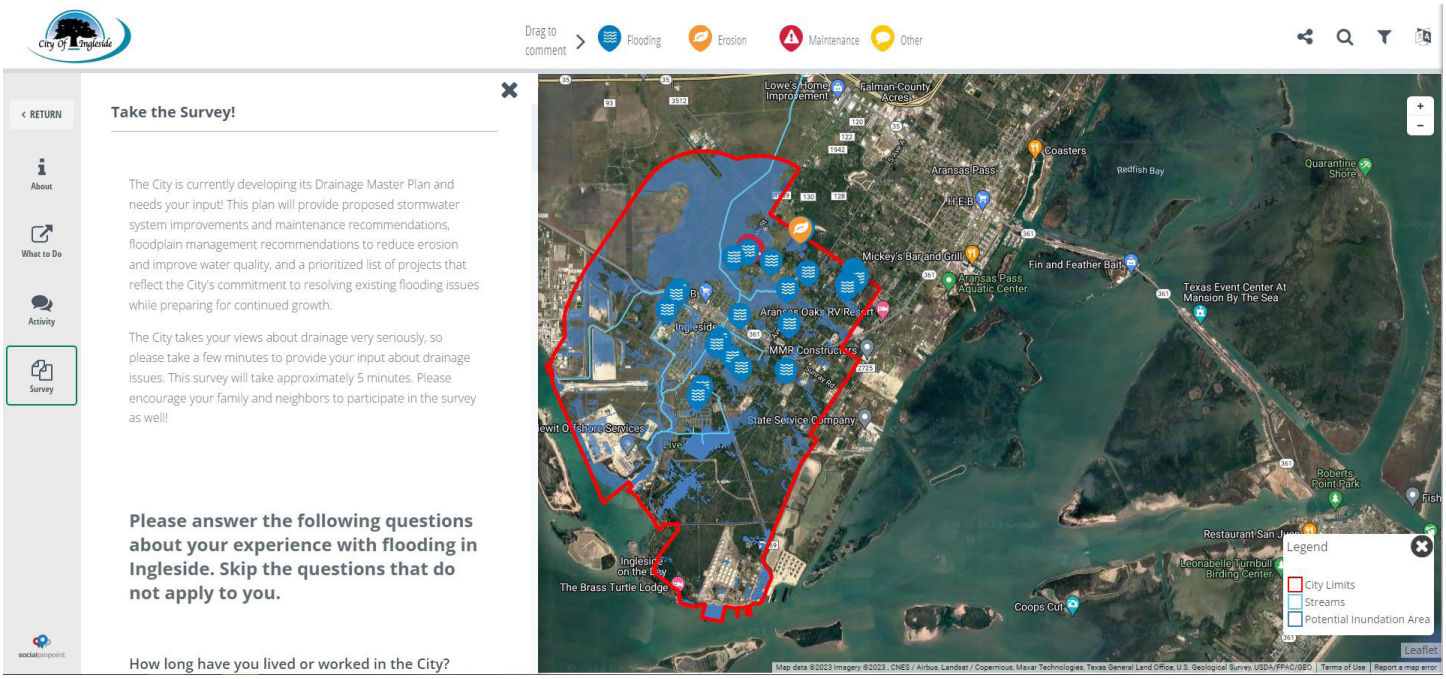
Virtual Open House #1 Summary

The first Virtual Open House included opportunities for participants to learn about the Drainage Master Plan process and provide input about their experiences with flooding in Ingleside. The Virtual Open House was hosted on a project website (www.InglesideDMP.com) and activities included an introductory video, a public survey and an interactive map. The Virtual Open House was live from December 19, 2022 to January 18, 2023.

There were eight survey responses and 31 comments added to the interactive map. Responses are summarized on the following pages.



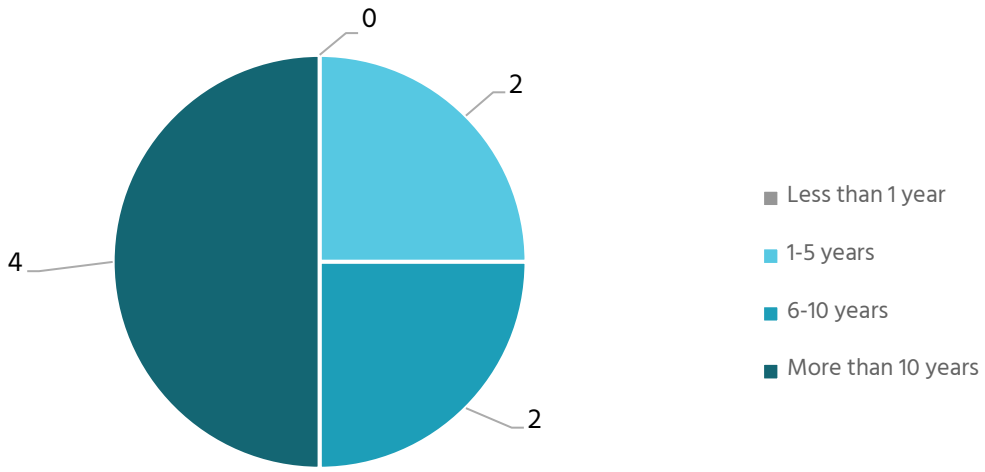
Project website



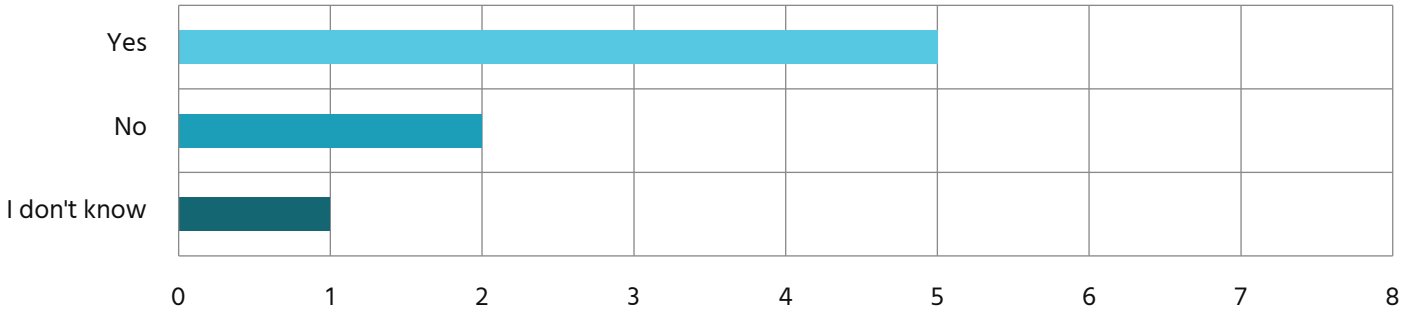
Interactive map and survey

Public Survey Responses

How long have you lived or worked in the City? (whichever is longest)



Do you live a potentially inundated area? (see map above or the interactive map)



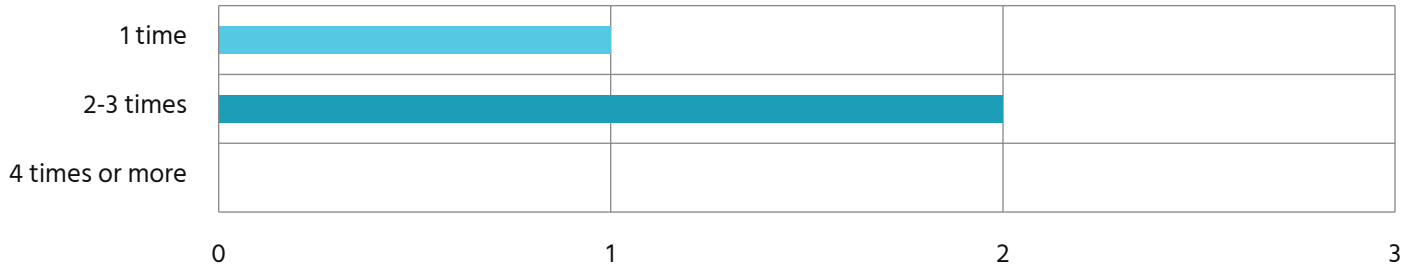
Have you experienced flooding in the City?

	Yes	No
Tropical event (e.g., hurricane)	8	0
Local event (e.g., typical rainstorm)	8	0
Structural flooding (i.e., building flooding regardless of the type of rain event)	3	5

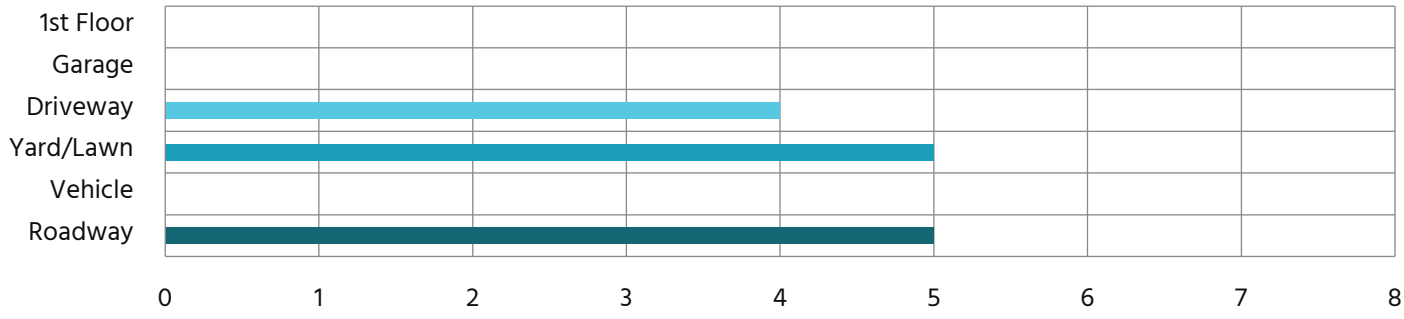
If a local event, what do you believe caused the flooding (e.g., lack of drainage infrastructure, clogged pipes/inlets, etc.)?

Response
Lack of drainage
Lack of drainage
Lack of Drainage infrastructure
lack of drainage infrastructure
Lack of drainage infrastructure, ditches not able to hold water
lack of drainage infrastructure, more houses being allowed to be built in a known flooding area. When the property is raised for building purposes this pushes the water to other locations around the property.
lack of drainage, broken pipes, clogged ditches
lack of maintenance on existing drainage

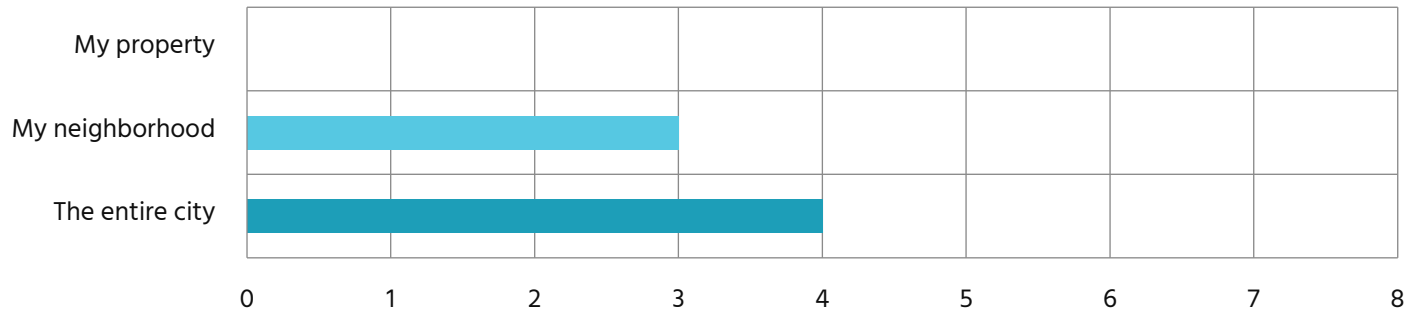
If you've experienced structural flooding, how many times has it happened?



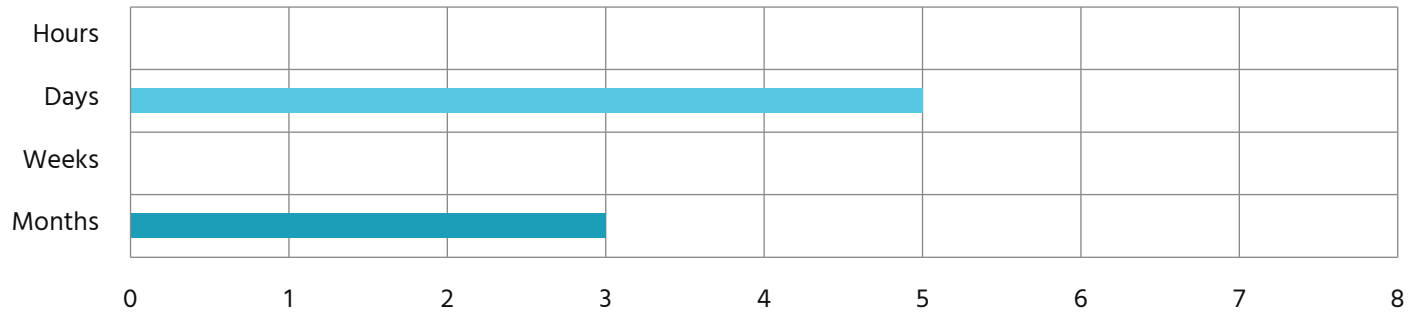
If your property has flooded, where was the water during the worst flooding event? (choose all that apply)



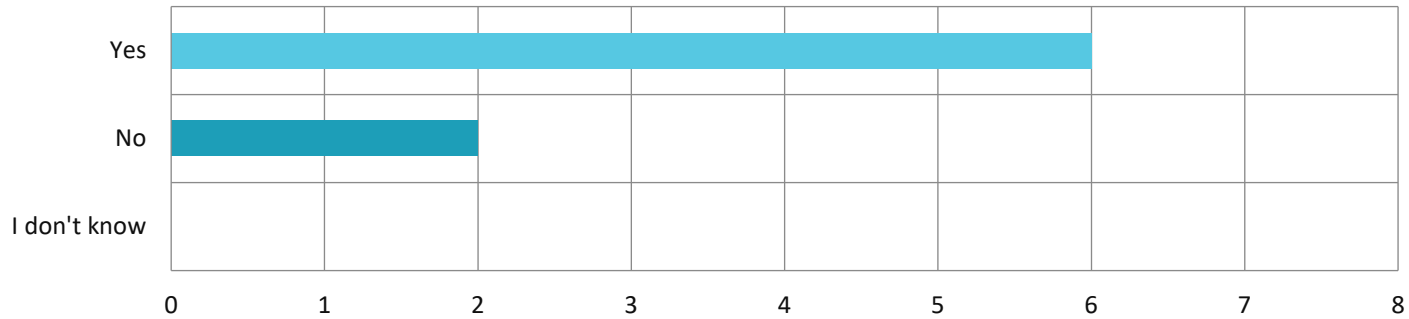
How widespread was the flooding during the worst flooding event?



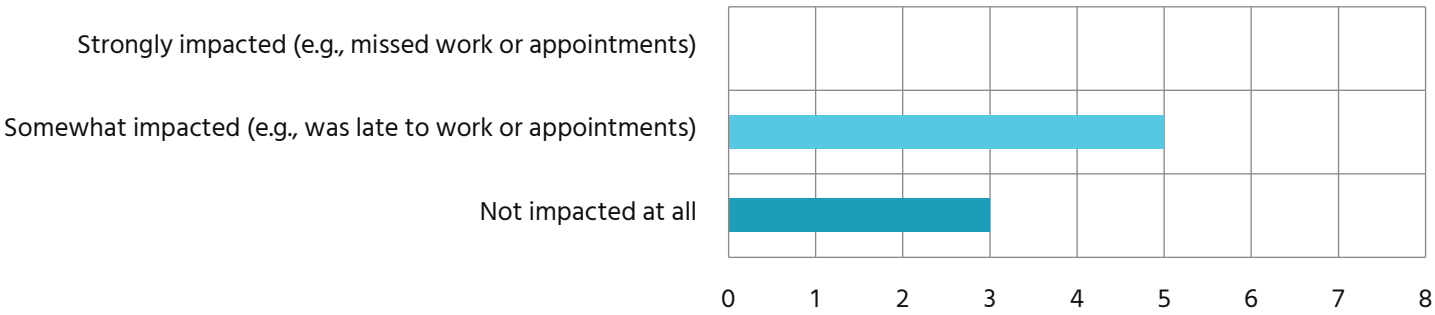
How long did it take for the water to recede?



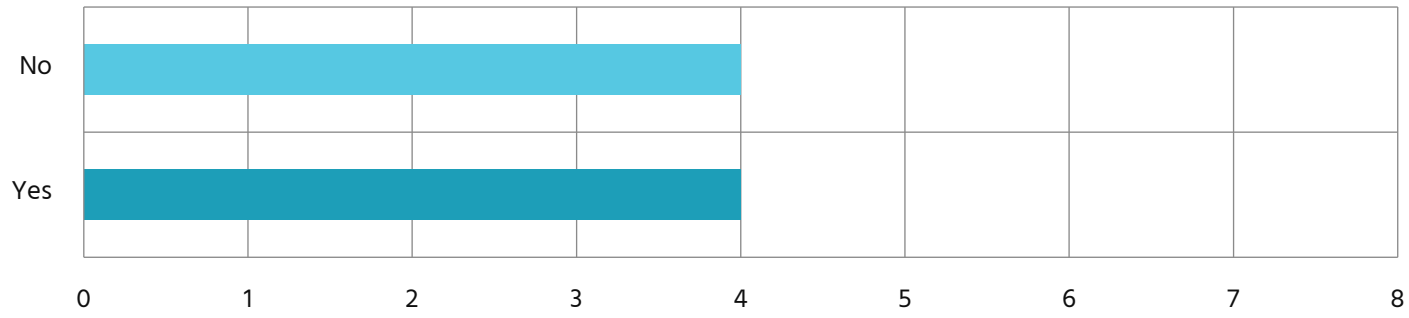
Do you have flood insurance?



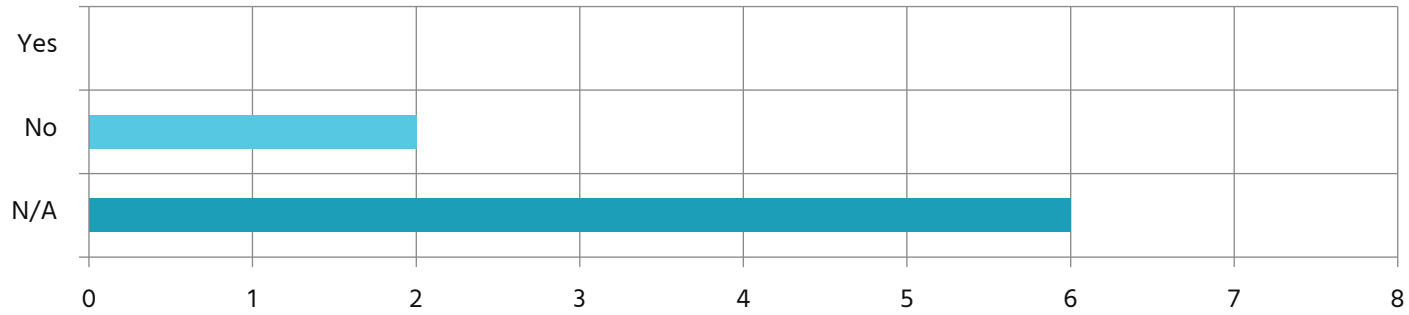
How strongly would you say flooding impacts your daily life?



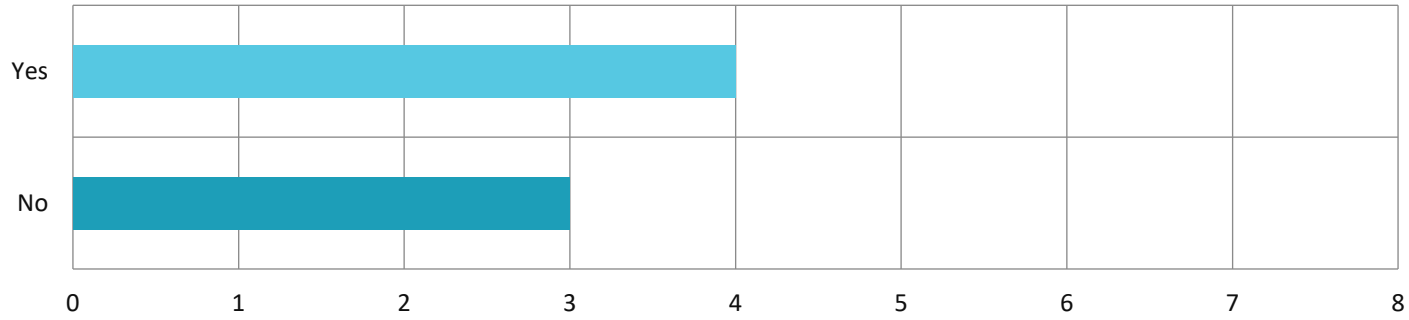
Have you reported flooding issues to the City in the past?



Did you receive a follow-up call or resolution to the flooding issue?



Are you aware that the County has a drainage district that maintains some ditches/ waterways?



We may have questions about your responses. Please provide your email address below if we can contact you if needed.

Responses withheld for privacy.

Interactive Map Comments

Respondents were asked to drag a comment topic (i.e., flooding, erosion, maintenance or other) onto the map to drop a pin. They added comments and optional images describing their experience with flooding in the City. For each pin, they were asked to answer the following questions:

- When the site flooded, was the water ponding or flowing?
- When did the flooding occur?
- How deep was the flooding?
- What part of the property was damaged?

Once pins were added, participants were encouraged to review comments from others.

The comments on the following pages were submitted by respondents and have not been edited.

	Pin Type	Comment	Latitude	Longitude	Photo
1	Flooding	any time there is a decent rain this area floods	27.865832	-97.201498	
2	Flooding	This floods like not other	27.861862	-97.2104	
3	Flooding	Every time we get a little rain it floods and there is no where for water to go, and it takes months for water to dry up.	27.881677	-97.190864	
4	Flooding	This area floods and stays flooded for months making it difficult to clear and keep cleared because of it. Water stays on top of road causing more and more damage to it. Kenney Ln lacks, drainage, water and sewerage lines, fire hydrants and deal with horribly damaged road. Many of us were told the city had a plan to start construction for water and sewage as well as fire hydrants in June 2022 but then told it was put on hold.	27.887402	-97.194725	
5	Flooding	There is no adequate drainage on this road, most yards on the east side of the road flood. Can take weeks to over a month to dry up. Digging out the ditches would help tremendously.	27.874559	-97.190477	
6	Flooding	This area is a huge problem during rain storms, it floods really bad and it causes problems for students trying to attend school, it disrupts learning because students shoes and pants are soaked due to the flooding in this area taking on the name " Lake IHS"	27.877473	-97.218565	

	Pin Type	Comment	Latitude	Longitude	Photo
7	Flooding	With every rainfall our driveway fills up with water. When it's hard rain it starts coming in our garage. Currently the project has hit our street. Today it was flooded with dirty water. Supposedly the workers hit a brittle pipe and drinking water exploded. This water was filthy though. I was told it mixed with garbage and dirt from our street but when it floods with rain the water is never that gross. Also when land was first marked a pipe burst and was marked so they already knew pipe was weak	27.871565	-97.206386	
8	Flooding	Every time it rains real bad my back and front yards flood. We don't have any drainage down our block. I feel like this will help tremendously with our flood issue.	27.885116	-97.18619	
9	Flooding	This area floods due to overflow from the pond across the street. Overflow from the pond runs thru a concrete culvert under the street directly to the property and floods this property	27.883813	-97.174881	
10	Flooding	The eastern end of Mooney does not have drainage and causes flooding during mid to heavy rains. Flooding in some areas is 3 feet deep. The water ponds and does not flow. Water has remained for 6 to 7 months	27.884612	-97.175295	
11	Flooding	The site floods every time it rains, the ditches overflow with water and backs up all the way from the Corner of McCullough Ln, to the third house down on Susan Cir.	27.888058	-97.203268	

	Pin Type	Comment	Latitude	Longitude	Photo
12	Flooding	We have no drainage in this area, Everytime we get a good rain this whole are will flood and will take months to dry out. I have talked with city many times and have always been given same excuses, The city always wants to call it a " 30 Year flood" I have lived here for 15 Years and it happens at least one time a year. We need the city to find an exit for all this water. This Problem has gotten worse every year! we get most of Mooneys water when it rains,	27.882749	-97.177355	
13	Flooding	This area floods with the slightest of rains. Most of the water from the surrounding properties make their way to a very large pond and surrounding properties. Due to the large surface area that drains to this pond it doesn't take much to become overwhelmed at which point all of the properties around suffer. This water can take up to 9 months to dry out. I've had 1.5 acres under 12-18" of water for that length of time. From previous discussions there seem to be some viable options. Please help!	27.882035	-97.17728	
14	Flooding	Photo didn't attach, trying again.	27.882644	-97.177074	
15	Flooding	I have severe flooding from Kenney Ln to about 100 ft inside my property. At my electric gate ope key pad there is approx. 1 foot of water. The ditch is non existent. And the water just sits until it evaporates. The ditch across the street has trees growing in it. It is a real problem !!	27.889328	-97.199969	

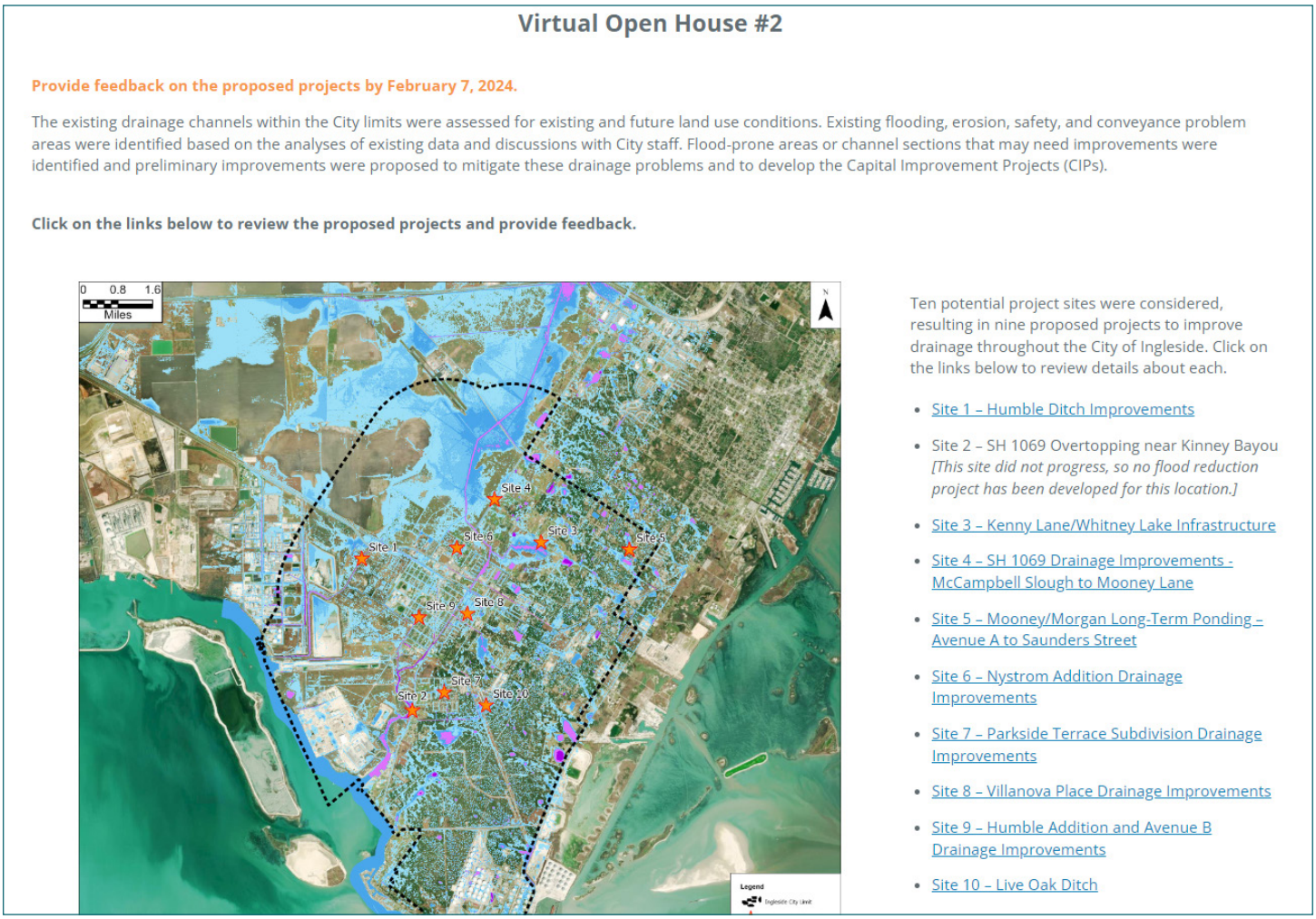
	Pin Type	Comment	Latitude	Longitude	Photo
16	Flooding	We have rain that flows from across the street into our yard, down the right side of house, and to our pond in the back of our 2 1/2 acres. It has lasted for as long as around 8 months. It will cover at least an acre and quarter of the land. Because our neighbors yard floods completely and flows to ours the berm between us is level with our yard. The large hill behind both of our yards which stops the water from flowing any further. These two homes are across from the land cleared last year.	27.884258	-97.174996	
17	Flooding	this 1638 Mooney when it rains we catch everyone's water we have no flow so it takes up to ten months for water to evaporate. Water is two to three feet deep. City has know of this issue for four years and has not address issue. Count commissioner Howard G. put this issue has one of his platforms for re-election bid and has done nothing to address issue	27.885558	-97.175716	
18	Flooding	Our property floods with every heavy rain. The water ponds and stands on our property sometimes for months. During several of the floods our property had 2-1/2 ' to 3' of standing water in the back. Flooding has caused our property to sink in many areas.	27.893994	-97.187977	
19	Flooding	Water is still standing on the property behind 3584 Vickery Ln. The City is well aware of the flooding issues in our area.	27.893837	-97.187279	
20	Erosion	The severe flooding in our area has caused the back of our property to sink considerably. City is aware of the flooding and standing water in our area and has been for years. We have had standing water for as much as 10 months in our backyard due to the water having no place to go. I was told the drainage ditch would be regraded but that has not happened yet. With each rain more of the soil from our yard erodes.	27.893842	-97.187896	

	Pin Type	Comment	Latitude	Longitude	Photo
21	Flooding	I can personally confirm this flood model. We've had water in the heaviest rain events cover the roadways completely and our yard more than 1/2 way up to the house. Luckily the water level has historically subsided quickly in almost 95% of this area. There is about a 5-10% area of pooling that last for several weeks and builds mosquito swarms.	27.876409	-97.201899	
22	Flooding	The front quarter of my property floods when there is a decent amount of rain and the last time it took over 5-6 months to dry up. The depth of water is only about 1 foot but across the street the depth is several feet but it all contributes to the mosquito population. The water flows to our area and stops as there is no outlet.	27.884611	-97.175775	
23	Flooding	Covert has been there for 50+ years and not maintained and clogged and will not drain.	27.88983	-97.198888	
24	Mainte-nance	Area has drain but requires cleaning.	27.889769	-97.198754	
25	Mainte-nance	Drain requires cleaning and dug out.	27.890324	-97.199762	
26	Flooding	Is there a key for the colors used on the map? Does the color blue mean accumulation of water after a 1 inch rain, 2 inch rain , 6 inch rain?	27.860172	-97.211417	
27	Flooding	Can the flood plain map be added?	27.867961	-97.203598	
28	Flooding	There were extensive aerial photos taken by C. Meyer and Jane Ward during the 2009 flood event. A complete set of those photos was provided to the then Parks/Drainage dept. head. O. Adame. Additional copies of the set was provided to Naismith Engineering and also retained within the Finance department.	27.865375	-97.191204	
29	Flooding	This street has a big dip that fills with water and takes days to go down	27.881489	-97.215785	
30	Flooding	Curb line is full of water after rain and takes days to drain.	27.880479	-97.216471	
31	Flooding	Standing water after rain. If it’s heavy rain it gets close to our front door.	27.870504	-97.207142	

Virtual Open House #2 Summary

The second Virtual Open House introduced participants to the nine proposed drainage improvement projects. Information about each project included a location map, description of the existing problem and proposed improvements, and a proposed improvement schematic diagram (see example on page 2). Public feedback was requested (but not required) on each project. The Virtual Open House was hosted on the project website (www.InglesideDMP.com) and was live from January 24, 2024 to February 7, 2024.

Seven individuals provided comments on the proposed projects. Responses are summarized on the following pages.



Project website

Survey Responses

City of Ingleside Drainage Master Plan

Proposed Site #1 - Humble Ditch Improvements

Existing Problem:

West Main Street experiences flooding that overtops the road and limits access to and from the adjacent business, including the Humble Youth Center, during even the smaller storm events. City staff has indicated that cars driving along West Main Street cause waves that send water into the Humble Youth Center building. Flooding issues in the West Main Street area are exacerbated due to backflow in the upstream section of the Humble Ditch. Water near the Humble Youth Center also seems relatively isolated from the drainage systems, which causes a lack of flow and ponding along West Main Street. These flooding issues can result in road and building damage.

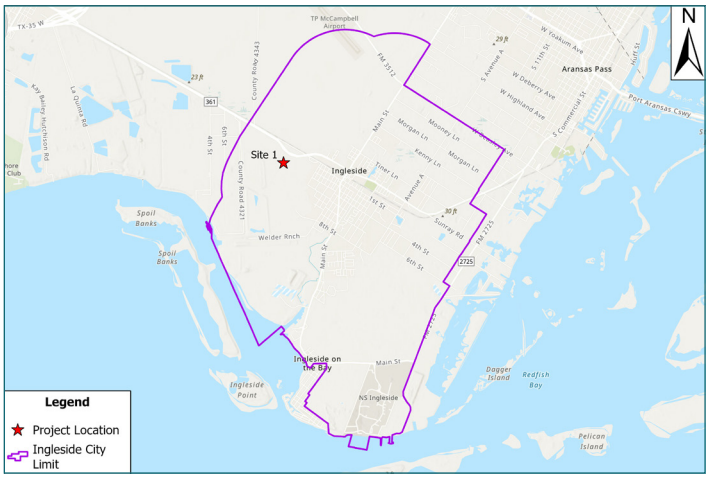
The site location is shown in the figures below.

Proposed Improvements:

Improve approximately 5,000 linear feet of the Humble Ditch, including regrading the ditch from the south edge of SH 361 to approximately halfway between the Dredge Material Placement Area (DMPA) cells, and concrete lining the channel. These improvements will allow the Humble Ditch to flow in the original intended direction and relieve some ponding between SH 361 and West Main Street. The proposed improvements do not entirely prevent ponding along West Main Street, but improving the drainage downstream of the problem area does reduce the amount of time ponding occurs along West Main Street. Based on existing conditions, improving the Humble Ditch cannot entirely alleviate the flooding at the Humble Youth Center, so flood protection systems for the building itself should be considered to prevent water damage to the building.

Proposed improvements are shown in the figures below.

Proposed Site #1 Project Description



Site #1 Location Map

Site #1 Proposed Schematic

Do you have any comments on the proposed improvements? If so, let us know below.

Survey	Comment
Site #1	This slough needs to be cleaned out and the area on the east side of 361 needs to drain downstream of the Ingleside outfall.
Site #1	As a small business manager, the flooding directly affects our business and the lively hoods of our employees. Not only does the roads become impassible, but the parking becomes non existent. The plumbing starts backing up and toilets over flow leaving us with no choice but to close.
Site #1	An additional drainage route would be ideal for this location to truly alleviate flooding.
Site #1	My area is not on the list. Pace and Indian Trial. The ditch going across my property, would love for you to decide if it needs to be that large, would love it to be maintained, get the trees out of it, the culvert I paid for is buried, the neighbor has no culvert therefore we have a trough. You do not have easement rights, but dug a ditch across my land so deep and wide years ago that it is impossible for anyone to maintain and yall claim you can not maintain it because you don't have easement. Please add my ditch to the list. Fill it, clean it, fix the pipes that are blocked and non existent. So lucky to be in the oldest part of Ingleside and have no sewer, no water, and a ditch that looks like Jurassic Park.
Site #3	No comment
Site #3	I believe the elevation of Kenny and Morgan is lower than surrounding areas. Will improvements really alleviate flooding in this area?
Site #4	This will require re setting TxDot drain lines
Site #4	I believe the elevation of Kenny, Morgan, and Mooney is lower than surrounding areas. Will improvements really alleviate flooding in this area? A pumped detention pond seems to be an expensive option for only a few houses.
Site #4	I have lived on the 1069 end of Morgan Ln. since 1953. I believe the holding pond is unnecessary as that area is already very low. It held water year-round until the present culvert, between Morgan & Moony, under 1069 was installed in the mid 1980s to allow water to drain into McCampbell Slough via the ditch on the West side of 1069. One additional culvert under 1069 should be installed between the existing culvert closer to Moony & the 1,610 linear feet of 3-ft bottom width grass-lined ditch improvements along the east side of 1069 should be extended to Collins Ln. Thank you Michael A. Morgan. I can be reached at morganm2378@gmail.com
Site #5	No comment
Site #5	Could somebody please consider coming out and speaking to me about the flooding issue we are having a miles south of this proposed site between Wayne Circle off Morgan Lane and Ave. A. I have done everything short of begging the city to address this issue for years.
Site #5	What is the proposed elevation of the inlet of this drain located on the north side of Mooney? Ground elevation appears to be 17' while surrounding area is as low at 15 ft. What is the plan for existing under the Mooney road culverts that run N to S? Will there be any drainage ditches along Mooney north and/or south toward the new drainage pipe? Will residents on Mooney need to fill/grade properties to utilize proposed drainage? Proposed drainage plan is presented with as conditional or qualified solution. Please explain

Survey	Comment
Site #6	This should help drain the area behind HEB with some regrading
Site #7	No Comment
Site #7	No comment. Improvement plan is good.
Site #9	No comment. Improvements seem reasonable.
Site #10	Is this the ditch the traverses the disc golf course? If so, will disc golfers still be able to obtain discs?

APPENDIX J
SMALL PROJECTS MEMORANDUM

MEMORANDUM

FREESE AND NICHOLS

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Outstanding service

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www.freese.com

TO:	Gary Paredez, Ingleside Director of Infrastructure Services
FROM:	Sarah West, PE, CFM
SUBJECT:	Small Projects List
PROJECT:	ING21605 – Ingleside Drainage Master Plan
DATE:	June 23, 2023
CC:	Brenton Lewis, Ingleside City Manager Donald Paty, Ingleside Director of Public Works

FREESE AND NICHOLS, INC.
TEXAS REGISTERED
ENGINEERING FIRM
F-2144

As part of the Drainage Master Plan (DMP) for the City of Ingleside (City), Freese and Nichols (FNI) was scoped to develop a list of "small" drainage projects that do not require hydrologic or hydraulic modeling but will improve the performance of the drainage system. These projects were identified using CCTV inspection reports and videos provided by Video Pipeline Inspections, Inc., and survey data field notes and photographs provided by CivilCorp, LLC. For each project, the extents and summary of problems and improvements are included. Photographs of each noted issue are included in Appendix A, and an exhibit is provided for each proposed project in Appendix B.

As some general guidance, FNI recommends not allowing corrugated metal pipe (CMP) in the right-of-way (ROW) for future developments or when replacing existing systems. If not already developed and implemented, FNI also recommends the City develop a routine operations and maintenance plan. Scheduling routine maintenance would be beneficial to prevent buildup within storm pipes.

1. CLEAR BLOCKED STORM PIPE ON TEXAS AVENUE

Location: South-east side of Texas Avenue between Arkansas Street and Avenue B

Problem: There is concrete debris blocking the 18" storm drain, approximately 77.8 feet east of grate inlet GI-19 (see photo attachments for GI-19 to GI-17 in Appendix A, CCTV report and video for GI-19 to GI-17, and Exhibit SP-1 in Appendix B)

Solution: Clear the debris in the pipe to improve performance of drainage system.

2. CLEAR AND REPAIR STORM PIPE ON AVENUE B

Location: Along Avenue B, south of Mustang Dr to Waco St

Problem 1: There is an obstruction completely blocking the 15" by 24" storm drain. This is approximately 156.9 feet north of grate inlet GI-11, located between 4th St and Waco St (see photo attachments for GI-11 to MH11A in Appendix A, CCTV report and video for GI-11 to MH11A, and Exhibit SP-2A in Appendix B).

Problem 2: The 15" by 24" storm drain has collapsed approximately 104.9 ft south of GI 11. There is a significant buildup of sentiment throughout the pipe segment as well. Located between Mustang Dr and 4th St (see photo attachments for GI-11 to GI-12 in Appendix A, CCTV report and video for GI-11 to GI-12, and Exhibit SP-2A in Appendix B).

Problem 3: The 15" by 24" storm drain has a deformed section approximately 190.3 ft south of GI 12 along with buildup throughout the pipe. This is located between Mustang Dr and 4th St (see photo attachments for GI-12 to GI-6 in Appendix A, CCTV report and video for GI-12 to GI-6, and Exhibit SP-2B in Appendix B).

Problem 4: There is lots of debris throughout the 15" storm drain from GI-6 travelling south to STMH 1. This is located on Avenue B crossing over Mustang Dr (see photo attachments for GI-6 to STMH 1 in Appendix A, CCTV data report and video for GI-6 to STMH 1, and Exhibit SP-2B in Appendix B).

Solution: Clear debris in pipe and repair failing pipe segments to improve performance of drainage system.

3. CLEAN STORM PIPES, MANHOLES, AND SAFETY END TREATMENTS ON MAIN STREET

Location: East side of Main St, from south of State Highway 361 to Morgan Ln

Problem: The storm drain is blocked with silt and trash and some manholes are inaccessible. The blockage is located approximately 70 feet south of State Highway 361 to Morgan Ln on Main St (see Survey field notes file 11003-23022ED and photo attachments for SW Asset Inventory Points 50015, 50016, 50035, 50038, 50044, 50048, 50190, 50200, 51454, 51461, 51468, 51475, 51482, 51488, 51496, 51507, 51514, 51521, 51525, 51535, 51542, 51549, 51556, 51563, 51570, 51715, 51726, 51733, 51740, 51755, 51764, 51771, 51778, 51784, 51793, 51794, 51795, 60023, 60024, 60041, 60042, 60055, and 60056 in Appendix A, and Exhibits SP-3A and SP-3B in Appendix B).

Solution: Clear silt and debris in pipes and manholes to improve performance of drainage system. It appears that grass clippings are accumulating in the culvert headwalls/safety end treatments. To prevent buildup within the drainage system, coordinate with landscape workers and/or property owners to not leave excessive grass cuttings in the ditches and pipe inlet areas.

4. CLEAN OUT DRIVEWAY CULVERTS ON CHURCH STREET

Location: Church St, between East St and State Highway 361

Problem: Driveway culverts are filled with dirt, which is obstructing water flow. This is located on the north side of Church St approximately 50 feet east of East St through 190 ft northwest of Westlake Dr and the south side of Church St, 30 ft west of Westlake Dr to 190 ft east of Westlake Dr. One of the culvert ends is broken approximately 260 ft east of East St (see photo attachments

for SW Asset Inventory Points 50064, 50065, 50066, 50067, 50068, 50073, 50074, 50077, 50078, 50084, and 50094 in Appendix A, and Exhibit SP-4 in Appendix B).

Solution: Clear dirt in culverts and fix broken culvert end to improve performance of drainage system.

5. CLEAN OUT STORM DRAINS ON AVENUE A

Location: Avenue A, south of Buckeye Dr to south of Union Pacific railroad

Problem: Culverts are filled with leaves and dirt, which is obstructing water flow. This is located 20 ft south of Buckeye Dr to a driveway culvert 117 ft south of Union Pacific railroad (see photo attachments for SW Asset Inventory Points 50800, 50804, 50805, 50899, and 50901 in Appendix A, and Exhibit SP-5 in Appendix B).

Solution: Clear dirt and vegetation in culverts to improve performance of drainage system.

End of Memorandum

Appendix A

Problem Area Photographs

(Please refer to maps in Appendix B for location of the photographs.)

Texas Avenue

GI-19 to GI-17:

Avenue B

GI-11 to MH11A:

GI-11 to GI-12:

GI-11 to GI-12:

GI-12 to GI-6:

GI-6 to STMH-1:

Main Street

50015:

50016:

50035:

50038:

50044:

50048:

50190: 	50200:
51454: 	51461:
51468: 	51475:

51482: 	51488:
51496: 	51507:
51514: 	51521:

51525: 	51535
51542: 	51549:
51556: 	51563:

51570:

51715:

51726:

51733:

51740:

51755:

51764:

51771:

51778:

51784:

51793:

51794:

51795:

60023:

60024:

60041:

60042:

60055:

60056:

Church Street

50064:

50065:

50066:

50067:

50068:

50073:

50074:

50077:

50078:

50084:

50094:

Avenue A

50800:

50804:

50805:

50899:

50901:

Appendix B

Small Project Exhibits

GI15

GI18

GI19

GI16

GI17

GI 19 to GI 17

Texas Ave

Avenue B

Legend

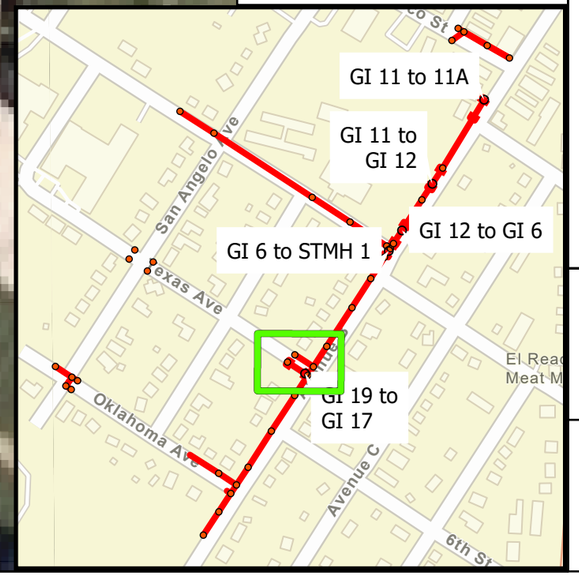
ProjectAreas

Ingleside Storm Lines

Ingleside Storm Points

0 20 40

Feet



PN PROJECT NO. ING21605

DATE CREATED 4/20/2023

DATUM & COORDINATE SYSTEM NAD 1983 2011 StatePlane Texas South Central FIPS 4204 Ft US

FILE NAME KB_Task5_Workmap

PREPARED BY EME

N W E S

Ingleside, Texas

Small Project List

Clear Blocked Storm Pipe on Texas Avenue

FREESE AND NICHOLS, INC.
10431 MORADO CIRCLE
BUILDING 5; SUITE 300
AUSTIN, TEXAS 78759
P: 512-617-3100

FIGURE

SP-1

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GI 11 to 11A

GI 11 to GI 12

GI11

GI12

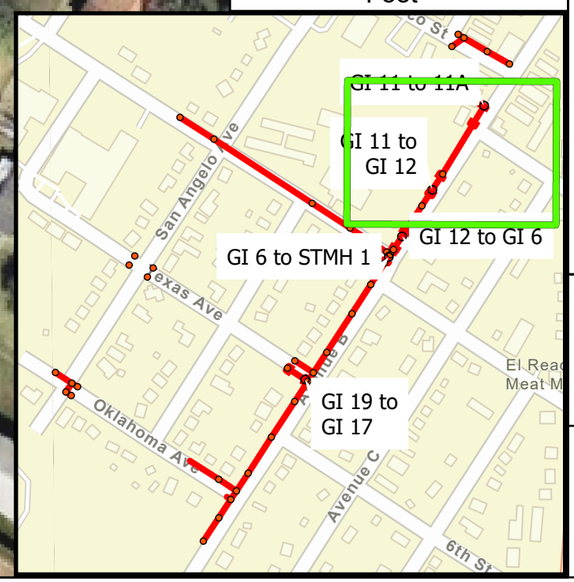
Avenue B

4th St

0 50 100
Feet

Legend

- ProjectAreas
- Ingleside Storm Lines
- Ingleside Storm Points



PN PROJECT NO. INGI21605
DATE CREATED 4/20/2023
DATUM & COORDINATE SYSTEM NAD 1983 2011 StatePlane Texas South Central FIPS 4204 FtUS
FILE NAME KB_Task5_Workmap
PREPARED BY EME

N W E S

Ingleside, Texas

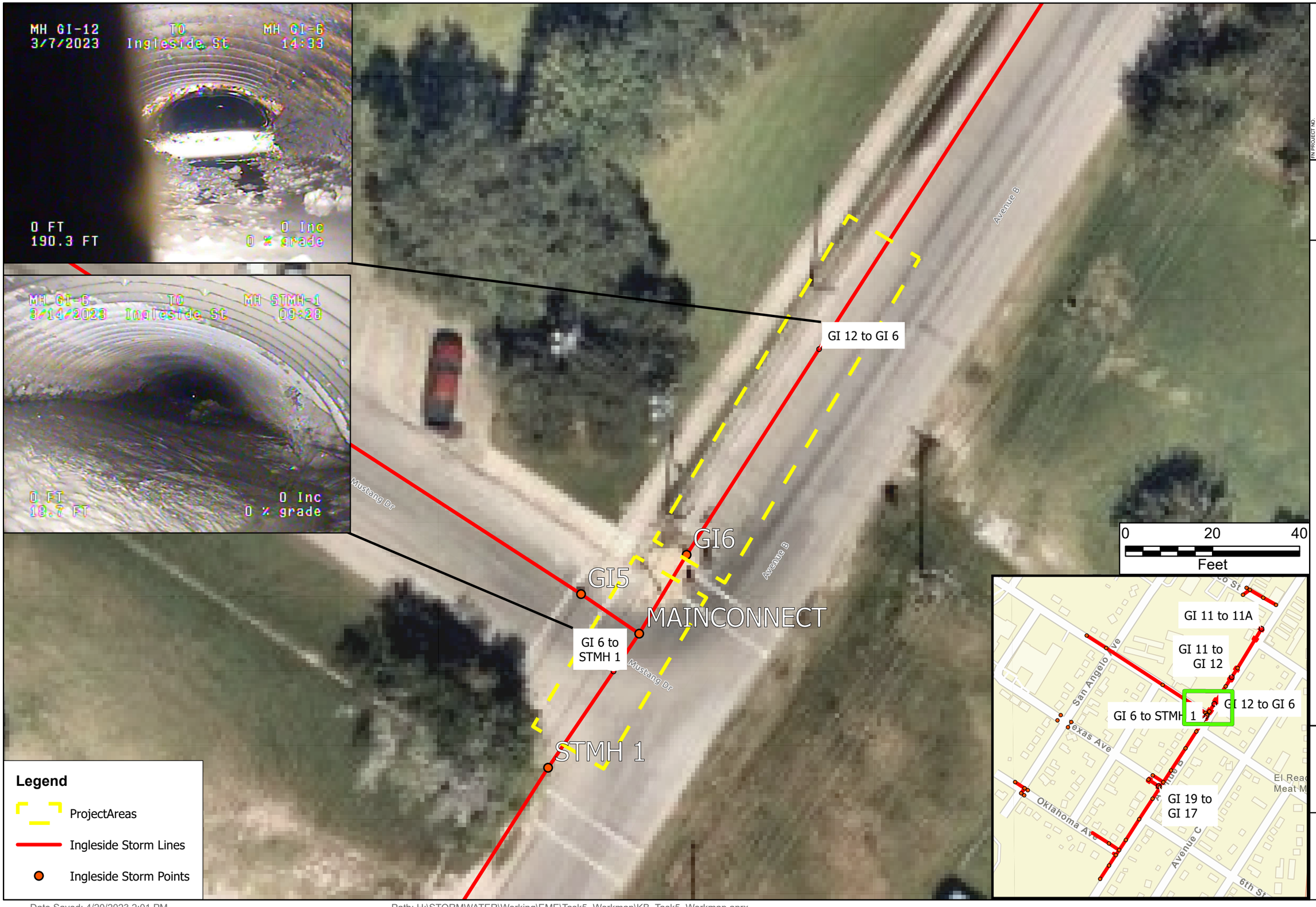
Small Project List

Clear and Repair Storm Pipe on Avenue B

FREESE AND NICHOLS, INC.
10431 MORADO CIRCLE
BUILDING 5, SUITE 300
AUSTIN, TEXAS 78759
P: 512-617-3100

FIGURE

SP-2A



0 20 40
Feet

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Ingleside, Texas

Small Project List

Clear and Repair Storm Pipe on Avenue B

FN PROJECT NO.	ING21605
DATE CREATED	4/20/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 StatePlane Texas South Central FIPS 4204 Ft US
FILE NAME	KB_Task5_Workmap
PREPARED BY	EME

FREESE AND NICHOLS, INC.
10431 MORADO CIRCLE
BUILDING 5, SUITE 300
AUSTIN, TEXAS 78759
P: 512-617-3100

FIGURE

SP-2B

Ingleside, Texas

Small Project List

Clean Storm Pipes, Manholes, and Safety End Treatments on Main Street

FN PROJECT NO.	ING21605
DATE CREATED	6/14/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 StatePlane Texas South Central FIPS 4204 Feet
FILE NAME	K:\S_Data\S_Working\ING21605\Working\Maps\Task5_Workmap2.aprx
PREPARED BY	EME

FREESE AND NICHOLS, INC.
800 N. SHORELINE BLVD.
SUITE 1600N
CORPUS CHRISTI,
TEXAS 78401
P: 361-561-6500

FIGURE

SP-3A

Legend

- Main Streeet Project Area
- Storm Lines
- SW Asset Inventory Points

0 250 500 750

Feet

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51715
51726
51740
51733
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51747
51794
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51771
51790
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60056
51793
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60041
60042
60024
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51563
51535
51507
51514
51496
51482
51488
51475
51468
51461
51454
51450
50006
50005
50015
50007
50012
50020
50019
50031
50023
50028
50033
50032
50034

Main St
Morgan Ln
Kenny Ln
McCullough Ln
Rebecca St

0 300 600 900
Feet

Legend

- Main Streeet Project Area
- Storm Lines
- SW Asset Inventory Points

FN PROJECT NO.	ING21605
DATE CREATED	6/14/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 StatePlane Texas South Central FIPS 4204 Feet
FILE NAME	KB_Task5_Workmap2
PREPARED BY	EME

N
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S

Ingleside, Texas

Small Project List

Clean Storm Pipes, Manholes, and Safety End Treatments on Main Street

FREESE AND NICHOLS, INC.
800 N. SHORELINE BLVD.
SUITE 1600N
CORPUS CHRISTI,
TEXAS 78401
P. 361-561-6500

FIGURE

SP-3B

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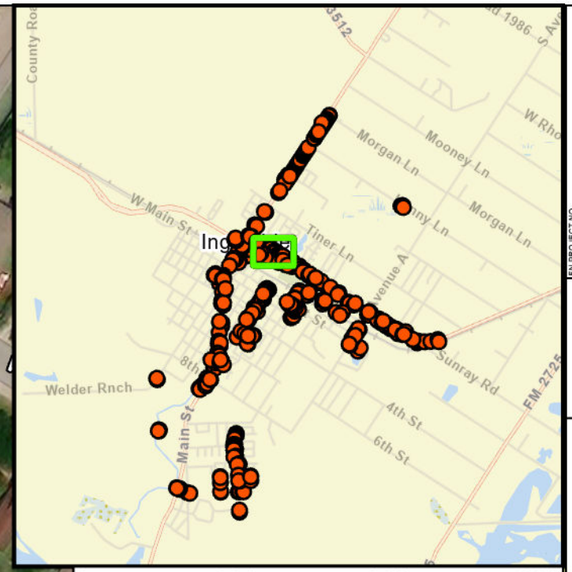

50063
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50084
50092
50093
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50103
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50109
50108
50107
50112
50111
50482
50483
50504
50484
50485
50487
50492
50489
50491
50493
50499
50128
50115
50116
50121
50139
50138
50136
50137
50149
361
Church St
Westlake Dr
Westlake Ct
East St
State Highway 361

Legend

- Church Street Project Area
- Storm Lines
- SW Asset Inventory Points

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FN PROJECT NO. ING21605
DATE CREATED 6/14/2023
DATUM & COORDINATE SYSTEM NAD 1983 2011 StatePlane Texas South Central FIPS 4204 Plus
FILE NAME K:\S_Task5_Workmap2
PREPARED BY EME

Ingleside, Texas

Small Project List
Clean out Driveway Culverts on Church Street

FREESE AND NICHOLS, INC.
800 N. SHORELINE BLVD.
SUITE 1600N
CORPUS CHRISTI,
TEXAS 78401
P: 361-561-6500

FIGURE
SP-4

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Union Pacific

Avenue A

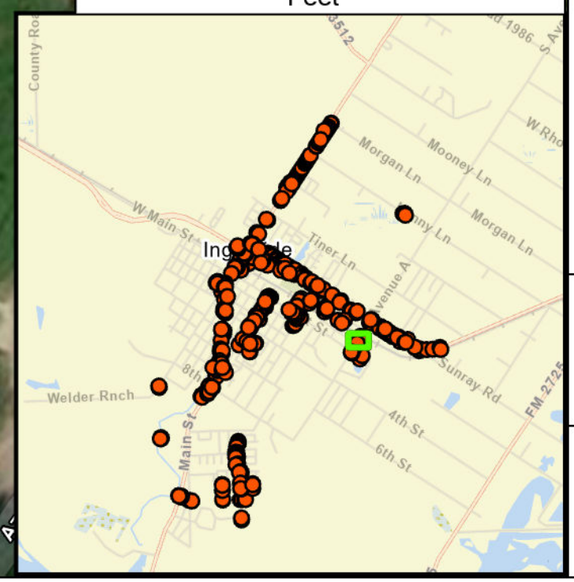
Buckeye Dr

50812
50810
50809
50811
50806
50805
50804
50802
50801
50901
50803
50900
50899
50898
50800
50799
50798
50797
50796

Legend

- Avenue A Project Areas
- Storm Lines
- SW Asset Inventory Points

0 50 100 150
Feet



FN PROJECT NO. INGI1605
DATE CREATED 6/14/2023
DATUM & COORDINATE SYSTEM NAD 1983 2011 StatePlane Texas South Central FIPS 4204 Plus
FILE NAME KB_Task5_Workmap2
PREPARED BY EME

N
W E
S

Ingleside, Texas

Small Project List
Clean Out Storm Drains on Avenue A

FREESE AND NICHOLS, INC.
800 N. SHORELINE BLVD.
SUITE 1600N
CORPUS CHRISTI,
TEXAS 78401
P: 361-561-6500

FIGURE
SP-5

Date Saved: 6/14/2023 9:50 AM

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APPENDIX K
HYDROLOGIC AND HYDRAULIC METHODOLOGIES MEMORANDUM

Technical Memorandum

FREESE AND NICHOLS

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TO:	Gary Paredez, City of Ingleside
FROM:	Sarah West, PE, CFM
SUBJECT:	Hydrologic and Hydraulic Methodologies
PROJECT:	Ingleside Drainage Master Plan
DATE:	February 16, 2023
CC:	Donald Paty, City of Ingleside Dale McConnell, City of Ingleside

1.0 PROJECT UNDERSTANDING

Freese and Nichols, Inc. (FNI) will develop a Drainage Master Plan (DMP) for the City of Ingleside (City). The DMP will support goals presented in the Comprehensive Master Plan (CMP) by providing recommendations for stormwater system improvements and maintenance. The DMP will also provide recommendations for floodplain management strategies for reducing flood risk and erosion potential as well as improving water quality. The DMP recommendations will guide the prioritization process for City stormwater projects such that each project reflects the City's commitment to resolving existing flooding issues while preparing for continued growth.

The purpose of this technical memorandum is to summarize the hydrologic and hydraulic methodologies that will be used in the Model Development and Runs (Task 5) for the Drainage Master Plan. The City of Ingleside includes two FEMA Zone AE creeks (effective November 8, 2016). These FEMA effective Flood Insurance Study (FIS) models were reviewed, and it was confirmed that that they are not viable for this study. Since the Base Level Engineering (BLE) HEC-RAS two-dimensional (2D) models are now available, it is recommended that the methodology shift from one-dimensional (1D) open channel (HEC-RAS) and storm drain models (StormCAD) that were originally scoped. The HEC-RAS 2D BLE models will be leveraged and supplemented with InfoWorks ICM for the study areas identified on Exhibit 1 where there is underground stormwater infrastructure present. InfoWorks ICM has the capability of combining the analysis of two-dimensional overland hydraulics with one-dimensional sub-surface stormwater system hydraulics. This gives the ability to assess the performance of surface and sub-surface stormwater infrastructure through a dynamic exchange of water with calculations for depth and velocity at incremental time steps during an entire flood event, not only during the peak flow condition. Separate inundation maps from each model will be developed and merged in GIS to the extent possible for the existing and fully-developed conditions floodplains for the 100-year event within the study limits. The following memorandum describes the methodology to be used and next steps resulting from Task 4 Modeling Strategy Development.

2.0 BASE MAP DATA SOURCES

2.01 Previous Studies:

- *Aransas Bay HUC-8 Watershed, Texas Base Level Engineering (BLE) Results* (July 2022), Halff Associates, Prepared for Federal Emergency Management Agency (FEMA)
- North Corpus Christi HUC-8 Watershed, Texas Base Level Engineering (BLE) Results (July 2022), Halff Associates, Prepared for FEMA

2.02 Topography:

- 2018 USGS South TX LiDAR, Nueces, San Patricio – terrains acquired from the BLE models

2.03 Coordinate System:

- NAD 1983 State Plane Texas South FIPS 4205 (US Feet) – DMP and North Corpus Christi BLE model
- NAD 1983 State Plane Texas S Central FIPS 4204 (US Feet) – Aransas Bay BLE model

2.04 Aerial:

- ArcGIS Pro – World Imagery Map Service, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

2.05 Soils:

- USGS, Web Soil Survey, Soil Survey Area (SSURGO)
    - Nueces County, Texas, Area Symbol TX355, Version: Survey Area Version 21 (Aug 24, 2022), Tabular Version 20 (Aug 24, 2022), Spatial Version 3 (Sep 12, 2019)
    - San Patricio and Aransas Counties, Texas Area Symbol TX620, Version: Survey Area Version 19 (Aug 24, 2022), Tabular Version 19 (Aug 24, 2022), Spatial Version 3 (Sep 12, 2019)

2.06 Land Use:

- Existing Land Use:
    - BLE Models: 2019 National Land Cover Dataset (NLCD)
    - ICM Model: Polygon feature class attributed with 2019 NLCD Land Cover classifications based on County tax parcels and aerial imagery. Within the ICM model, a polygon feature class will be used to incorporate more detail into the ICM model and to maintain consistency between the existing and future landuse data formats, so that existing and future conditions results are not affected by the use of different data formats (polygons versus raster).
- Future Land Use:
    - BLE Models: Existing BLE model curve numbers will be modified based on relative difference between existing and future landuse polygon feature classes used for the ICM model.
    - ICM Model: Existing land use feature class modified based on 2016 City of Ingleside GIS data.

2.07 Storm Drain Infrastructure:

- Survey and CCTV (per Task 3 of the scope)
- As-Built Plans to be provided by the City
- City of Ingleside GIS Data

2.08 Development Plans:

- As-Built Plans from the City

3.0 METHOD OF COMPUTING RUNOFF

3.01 Criteria Used to Select Method:

- City of Ingleside Code of Ordinances (dated October 20, 2022), one of the objectives of the DMP is to provide guidance to the City

3.02 Selected Method:

- The SCS Method will be used within HEC-HMS for the calculation of rainfall abstraction and infiltration losses and development of excess precipitation hyetographs. These hyetographs will be applied through a Rain-on-Mesh (ROM) approach to the InfoWorks ICM 2D mesh. Runoff hydrographs provided in the HEC-RAS BLE models will not be revised as part of this study. These hydrographs were generated using SCS Method and excess precipitation as well. More detail can be found in the BLE reports.

4.0 HYDROLOGIC PARAMETERS

4.01 Drainage Areas:

- Information used to delineate Drainage Areas (topography, as-builts, proposed design studies and plans):
  - Ingleside Drainage Basins exhibit by Naismith Engineering, Inc.
  - Topography (See “Base Map Data Source” Section)
  - City’s stormwater infrastructure GIS data
- Drainage Area Size Limitations: N/A
- Drainage Area Map showing delineations to primary City stormwater drainage systems is included as Exhibit 2
- Further sub-division of the drainage areas provided in Exhibit 2 will not be provided as part of this effort since it is not required for ROM

4.02 Time of Concentration:

- Methodology/Criteria: Since lag time does not impact the excess rainfall hyetograph, it is not necessary to calculate an accurate basin travel time, but the model still requires a value to run. The time of concentration will be approximated using the same methodology as the BLE models: “as the square root of the drainage area, then multiplied by 0.6 to compute the lag time.”

4.03 Loss Calculations: SCS Method

- Percent impervious: To be estimated from aerial imagery and National Land Cover classifications
- Source of Soil CN values: To be developed based on NLCD land cover data with reference to Tables 2-2a through d of the NRCS Technical Release 55 (TR-55) Manual
- Soil Moisture Conditions to be used: Antecedent Runoff Condition (ARC II)

4.04 Precipitation:

- Frequency/Events: 2-, 10-, 25-, 100-, and 500-year (24-hr rainfall depth: 4.72, 7.87, 10.10, 14.10, and 20.20 inches, respectively)

- Distribution: Frequency Storm
- Source of Depth: NOAA Atlas 14 Precipitation Frequency Data Server (PFDS) at the centroid of the City limits.

5.0 HEC-HMS MODEL

The sole purpose of the HEC-HMS model is to develop excess precipitation hyetographs to be applied to the ground model mesh in the 2D hydraulic models (HEC-RAS and InfoWorks ICM). Detailed watershed hydrologic modeling is not included as part of this study.

5.01 Available Models:

- The FEMA effective FIS models are outdated and not viable for this study. The BLE models will be used as reference since they provide the most up-to-date flood risk assessment for the study area. The BLE model parameters are:
    - Name/Watershed: Aransas Bay and North Corpus Christi
    - Version: 4.3
    - Area Reduction: NOAA Technical Paper Number 40 (TP40) Method based on an assigned storm area equivalent to approximately one half of the total study area was used for the BLE models, but will not be used for the drainage master plan
    - Routing Methodology: none
    - Model updates: The 2-year storm will be added using the Ingleside precipitation depths (not enough data was provided to reasonably obtain the 2-year depths that correspond to the BLE study).

5.02 Selected Model:

- Since different rainfall data and areal reductions are used for the two BLE models that cover the City of Ingleside, a separate HEC-HMS will be developed using rainfall data at the centroid of the city limits and no aerial reduction.

6.0 HEC-RAS MODEL (OPEN CHANNELS)

6.01 Available Models:

- FEMA effective FIS models are outdated and not viable for this study, the BLE models will be used as the basis of the open channel assessment since they provide the most up-to-date flood risk assessment for the study area (*Guidance for Flood Risk Analysis and Mapping: Base Level Engineering Analysis and Mapping* (Nov 2021), FEMA, pg 1).

6.02 Purpose:

- The HEC-RAS 2D BLE models will be used to assess the following creeks and streams:
    - Kinney Bayou and 3 tributaries, approx. 4.8 miles
    - McCampbell Slough and 3 tributaries, approx. 3.8 miles
    - Humble Ditch and 2 tributaries, approx. 3.9 miles
- Study Area 5 will also be modeled in HEC-RAS.

6.03 Stormwater Open Channels:

- Survey will be evaluated and incorporated into the model terrain only if it will improve the accuracy on the model results

- City GIS data will be supplemented with as-builts and survey to add Bridge/culvert crossings inside of the 2D Flow Area along the identified creeks and streams
    - If no data is available, crossings will be modelled by modifying the terrain to let flow through the embankment (referred to as "burning" the crossings into the terrain)
- Stormwater infrastructure outside of the study areas will only be modeled to the extent necessary to accurately represent the conditions at the study areas

6.04 Boundary Condition/Tailwater:

- Stage hydrographs representing a known water surface elevation of **1.5-feet** along Aransas Bay, Nueces Bay and Corpus Christi Bay were used for the boundary conditions in the BLE models. This was established using NOAA tidal datums for the Texas coast and applying the mean higher high water elevations.

7.0 INFOWORKS ICM MODEL (LOCAL SYSTEMS)

7.01 Purpose:

- The purpose of the InfoWorks ICM model is to supplement the HEC-RAS 2D BLE models for the study areas identified on Exhibit 1 where there is underground stormwater infrastructure present. Study Areas 1, 2, 3 and 4 all contain storm sewer and will be modeled in ICM.

7.02 Surface:

- Topography (See "Base Map Data Source" Section)
- Mesh size: Mean maximum mesh triangle size of 100 square feet, optimized to accurately model the systems and maintain reasonable run times
- Breaklines: roadway and stream centerlines will be used as necessary

7.03 Roughness Zones

- Land Use data (See "Base Map Data Source" Section)
- Manning's roughness values will be set using the best available data (*Open Channel Hydraulics, Chow, 1959,* and the *HEC-RAS User Manual*)
- Building footprints: roughness value of 10 (Two-Dimensional Modeling Guidelines, Harris County Flood Control District, July 2018)

7.04 Storm Drain Data:

- City GIS data will be supplemented with as-builts and survey
- Stormwater Inlets:
    - Inlet types and dimensions are not included in City GIS data. Available as-built and survey data will be used to incorporate inlet details in the model where possible.
    - When as-built or survey data is not available, Google Street View will be used for estimating inlet types and dimensions where possible. City standard 5-ft curb inlets will be assumed when no other methodology is available to make a size determination.

- Inlets will be set to Flood Type “2D” such that discharge between the 2D mesh and the inlets and manholes will be calculated using standard weir equations or inlet capacity curves.

- Stormwater Conduits:
  - Pipe material, dimensions and inverts will be modeled based on City GIS data. Missing information will be supplemented with available as-built and survey data. If none of these resources provide enough information to define the pipe geometries and vertical locations, interpolations will be made based on bounding pipes along the same system.
  - Head loss conditions at the upstream end of each link will be determined using ICM “NORMAL” headloss curves.
- Stormwater infrastructure outside of the study areas will only be modeled to the extent necessary to accurately represent the conditions at the study areas
  - Bridge/culvert crossings may be modelled by burning channels through the embankment when it is evident that there is ponding that should continue downstream

7.05 Boundary Condition/Tailwater:

- Stage hydrographs from the BLE models will be used as necessary to accurately model the systems tailwater.

Study Areas

Ingleside, Texas

1. 5. Recommend Outfall for Future Development
2.
3.
4.

Legend

- Ingleside City Limits
- Storm Points
- Storm Lines
- Known Projects
- Existing Drainage Infrastructure
- Project Locations

0 1,250 2,500 Feet

FREESE AND NICHOLS
800 N. Shoreline Blvd, Suite 1600N
Corpus Christi, Texas 78401
(P) 361-561-6500

FN JOB NO	ING21605
FILE	KB_Task4_ModelingStrategy
DATE	12/20/2022
SCALE	1:36,000
DRAFTED	08215

EXHIBIT 1

H:\STORMWATER\Working\Task4_ModelingStrategy_DET\KB_Task4_ModelingStrategy.aprx

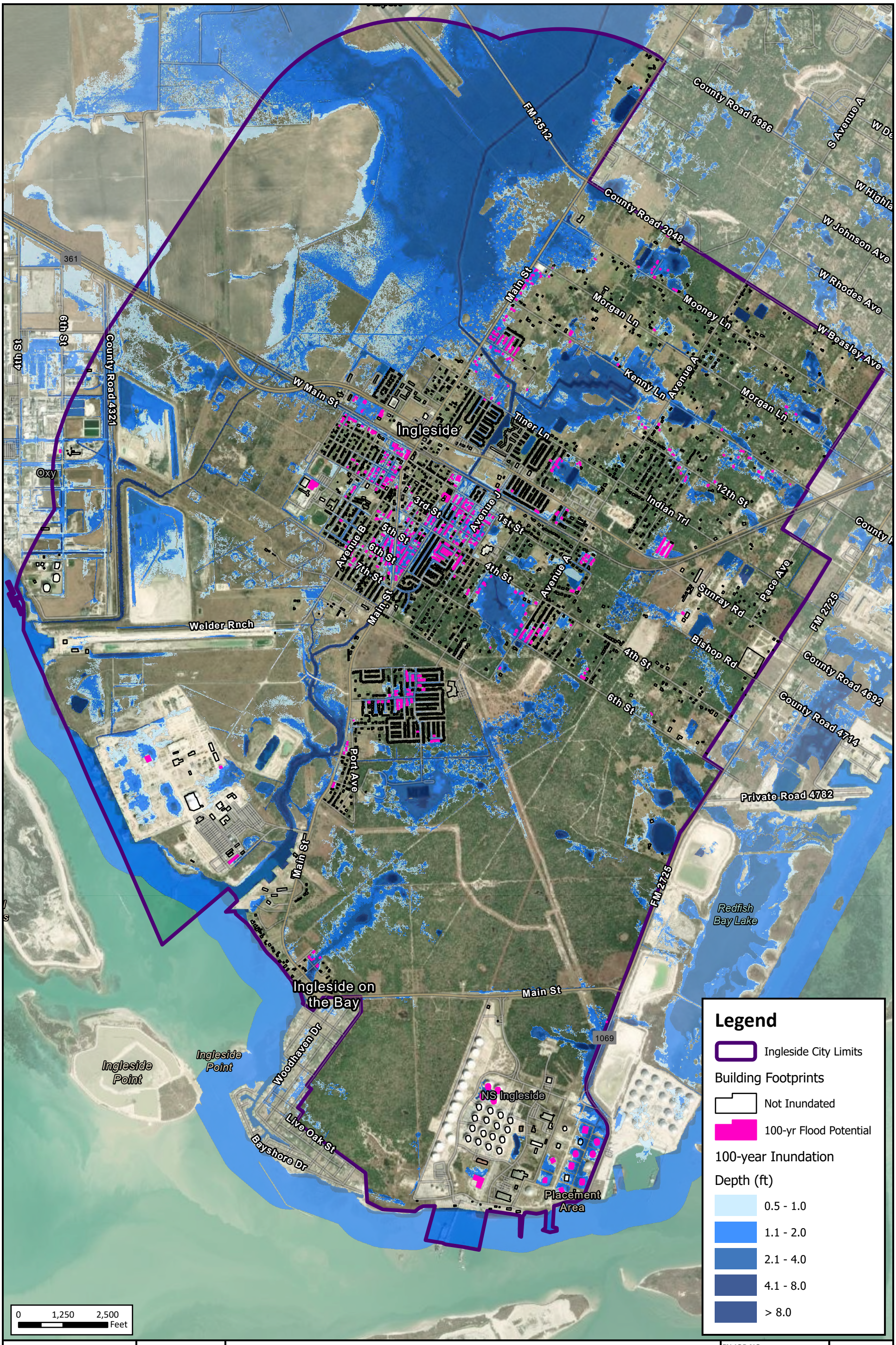
FREESE AND NICHOLS
800 N. Shoreline Blvd, Suite 1600N
Corpus Christi, Texas 78401
(P) 361-561-6500

Drainage Area Map

Ingleside, Texas

FN JOB NO	ING21605
FILE	KB_Task4_ModelingStrategy
DATE	2/17/2023
SCALE	1:60,000
DRAFTED	08215

EXHIBIT 2



FREESE AND NICHOLS
800 N. Shoreline Blvd, Suite 1600N
Corpus Christi, Texas 78401
(P) 361-561-6500

100-Year Flood Indication Hotspots

Ingleside, Texas

FN JOB NO	ING21605
FILE	FloodRiskHotspotExhibits
DATE	11/8/2022
SCALE	1:30,000
DRAFTED	08196

EXHIBIT 3

H:\STORMWATER\Working\FloodRiskHotspotExhibits\FloodRiskHotspotExhibits.aprx

CITY COUNCIL AGENDA
Amended Regular Meeting: March 12, 2024

AGENDA ITEM: 6.b

Update on TCEQ Required Notice

SUBMITTED BY: Brenton Lewis, City Manager

APPROVED FOR AGENDA: Brenton Lewis, City Manager

BACKGROUND:

The City of Ingleside is required to provide public water users when a lead & copper rule monitoring and reporting violation has occurred. The City was required to take 40 samples, from June 1, 2022 - September 30, 2022, of which 20 were rejected. Therefore, the corrective action is for the City to take samples between June - September of 2024.

FISCAL ANALYSIS:

Cost of Samples included in operating budget

RECOMMENDATION:

Report only

ATTACHMENTS:

1. TCEQ Public Notice

LEAD & COPPER RULE MONITORING AND REPORTING VIOLATION
MANDATORY LANGUAGE - TIER III

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

PWS 2050002 CITY OF INGLESIDE has violated the monitoring and reporting requirements set by Texas Commission on Environmental Quality (TCEQ) in Chapter 30, Section 290, Subchapter F. Even though these were not emergencies, as our customers, you have the right to know what happened and what we are doing (or did) to correct these situations.

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During (52) 2022, we did not monitor or test for LCR and therefore cannot be sure of the quality of your drinking water during that time.

The table below lists the contaminant(s) we did not properly test for during the last year, how often we are supposed to sample for [these contaminants], how many samples we are supposed to take, how many samples we took, when samples should have been taken, and the date on which the follow-up samples were [or will be] taken.

Contaminant	Required sampling frequency	Number of samples taken	When samples should have been taken	When samples were or will be taken
LCR Sample Tap 2022	*30 / annually*	40 of which 20 were rejected	*June 1, 2022 - Sept 30, 2022*	*Date:June-Sept 2024*

What is being done? The City pulled samples not all were accepted. The City is pulling more samples to make sure that the water is safe for consumption.

We are working to correct the problem. For more information, please contact:

Water System Official: _John Witt_

Area code + phone number: _361-776-7409_

Date Delivered / Posted: __2/6/2024_

Please share this information with all other people who drink this water, especially those who may not have received this notice directly (i.e., people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice is being sent to you by **CITY OF INGLESIDE**
Public Water System Number: **TX 2050002**

Instructions for preparing the required Public Notice:
Recopy the mandatory language above and insert the underlined information in the spaces indicated.

Public Notice delivery timelines:
The initial public notice shall be issued as soon as possible, but in no case later than 12 months following the initial violation. All notifications require the attached Certificate of Delivery due 10 days from the posting date of the above notice. Public notice delivery may be provided by the Consumer Confidence Report (CCR), if 12-month requirement is met.

Refer to 30 TAC §290.122 for additional information on Public Notification.

CITY COUNCIL AGENDA
Amended Regular Meeting: March 12, 2024

AGENDA ITEM: 6.c

City of Ingleside monthly financial report as of January 2024.

SUBMITTED BY: Caron Vela, Director of Finance

APPROVED FOR AGENDA: Brenton Lewis, City Manager

BACKGROUND:

Monthly financial report ending January 31, 2024.

FISCAL ANALYSIS:

FY2024 See attachments for the month listed above: A.1; A.2; A.3; B.1; and C.1.
FY2024 The January 2024 Council Discretionary Funds account balance is $172,687.00.

RECOMMENDATION:

Information only.

ATTACHMENTS:

1. FINANCIALS 01 2024

Monthly Financial Report to City Council February 27, 2024

Finance Department
Submitted by: Caron Vela

		Page
A.)	**Statement of Revenues and Expenditures through Jan 2024 (Preliminary)**	
	1.) Summary By Fund	A.1
	2.) General Fund	A.2
	3.) Utility Fund	A.3
B.)	**Monthly Portfolio Report - Dec 31, 2023**	B.1
C.)	**Cash Basis Sales Tax Collections through Jan 2024**	C.1
D.)	**FY23 General Fund Tax Roll Collection through Jan 2024**	

Total Value - Dec 31, 2023	$	53,329,044.44	
Total Value - Nov 30, 2023		56,180,899.64	
Net Change	**$**	**(2,851,855.20)**	

FYD - Total	$	1,509,355.72	(Gross 4 months 45.06%)
Budgeted - Total	$	3,350,000.00	Remaining to Collect:
Difference Budget vs. Received	$	1,840,644.28	54.94%

FYD - Total	$	11,763,415.11	
Budgeted - Total	$	10,246,840.00	Remaining to Collect:
Difference Budget vs. Received	$	(1,516,575.11)	-14.80%

REVENUE AND EXPENDITURES REPORT (UNAUDITED)
AS OF: JANUARY 31ST, 2024

10 -GENERAL FUND

33.3% OF YEAR COMPLETED

	PRIOR YEAR BUDGET	PRIOR YEAR ACTUAL	CURRENT BUDGET	CURRENT PERIOD	CURRENT YTD ACTUAL	PRIOR YEAR PO ADJUST.	YEAR TO DATE ENCUMBERED	BUDGET VARIANCE	% OF BUDGET
10 -GENERAL FUND									
TOTAL REVENUE	15,803,938.00	9,059,748.90	18,613,090.00	6,648,231.08	11,640,140.31	0.00	0.00	(6,972,949.69)	62.54
TOTAL EXPENDITURES	15,170,298.00	3,604,887.67	18,370,920.00	1,086,978.61	4,805,026.70	0.00	1,377,607.40	12,188,285.90	26.16
REVENUES OVER/(UNDER) EXPENDITURES	633,640.00	5,454,861.23	242,170.00	5,561,252.47	6,835,113.61	0.00	(1,377,607.40)	5,215,336.21	2,822.44
18 -COVE PARK TOURISM FUND									
TOTAL REVENUE	25,360.00	5,845.25	25,000.00	1,178.36	8,343.91	0.00	0.00	(16,656.09)	33.38
TOTAL EXPENDITURES	0.00	77.60	32,850.00	0.00	0.00	0.00	0.00	32,850.00	0.00
REVENUES OVER/(UNDER) EXPENDITURES	25,360.00	5,767.65	(7,850.00)	1,178.36	8,343.91	0.00	0.00	16,193.91	106.29-
19 -HURRICANE EMERGENCY									
TOTAL REVENUE	0.00	15,678.04	0.00	0.00	245,837.49	0.00	0.00	245,837.49	0.00
TOTAL EXPENDITURES	0.00	5,085.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
REVENUES OVER/(UNDER) EXPENDITURES	0.00	10,593.04	0.00	0.00	245,837.49	0.00	0.00	245,837.49	0.00
21 -HOTEL-MOTEL FUND									
TOTAL REVENUE	253,240.00	87,006.53	300,000.00	25,841.83	91,961.66	0.00	0.00	(208,038.34)	30.65
TOTAL EXPENDITURES	332,965.00	49,583.57	336,420.00	21,108.60	71,070.13	0.00	13,500.00	251,849.87	21.13
REVENUES OVER/(UNDER) EXPENDITURES	(79,725.00)	37,422.96	(36,420.00)	4,733.23	20,891.53	0.00	(13,500.00)	43,811.53	57.36-
23 -INGLESIDE DEVELOPMENT									
TOTAL REVENUE	579,000.00	177,708.83	604,721.00	55,470.06	242,059.67	0.00	0.00	(362,661.33)	40.03
TOTAL EXPENDITURES	581,765.00	28,688.79	580,900.00	14,758.53	28,902.74	0.00	0.00	551,997.26	4.98
REVENUES OVER/(UNDER) EXPENDITURES	(2,765.00)	149,020.04	23,821.00	40,711.53	213,156.93	0.00	0.00	189,335.93	894.83
25 -GENERAL FUND GRANTS									
TOTAL REVENUE	6,287.00	8,716.43	11,990.00	491.48	213,128.45	0.00	0.00	201,138.45	1,777.55
TOTAL EXPENDITURES	1,906,287.00	65,971.00	11,990.00	40,690.64	131,406.52	0.00	2,109,787.76	(2,229,204.28)	1,095.97
REVENUES OVER/(UNDER) EXPENDITURES	(1,900,000.00)	(57,254.57)	0.00	(40,199.16)	81,721.93	0.00	(2,109,787.76)	(2,028,065.83)	0.00
28 -INGLESIDE STREET MAINTENA									
TOTAL REVENUE	2,311,000.00	174,934.29	0.00	51,697.14	226,825.87	0.00	0.00	226,825.87	0.00
TOTAL EXPENDITURES	235,210.00	0.00	0.00	0.00	159,077.36	0.00	95,606.64	(254,684.00)	0.00
REVENUES OVER/(UNDER) EXPENDITURES	2,075,790.00	174,934.29	0.00	51,697.14	67,748.51	0.00	(95,606.64)	(27,858.13)	0.00
30 -CAPITAL PROJECTS FUND									
TOTAL REVENUE	7,007,385.00	206,530.96	0.00	46,372.60	192,063.51	0.00	0.00	192,063.51	0.00
TOTAL EXPENDITURES	11,168,890.00	2,762,947.36	0.00	21,247.83	63,565.78	0.00	2,827,762.15	(2,891,327.93)	0.00
REVENUES OVER/(UNDER) EXPENDITURES	(4,161,505.00)	(2,556,416.40)	0.00	25,124.77	128,497.73	0.00	(2,827,762.15)	(2,699,264.42)	0.00
31 -STREET RECONSTRUCTION									
TOTAL REVENUE	500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
REVENUES OVER/(UNDER) EXPENDITURES	500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

REVENUE AND EXPENDITURES REPORT (UNAUDITED)
AS OF: JANUARY 31ST, 2024

10 -GENERAL FUND

33.3% OF YEAR COMPLETED

	PRIOR YEAR BUDGET	PRIOR YEAR ACTUAL	CURRENT BUDGET	CURRENT PERIOD	CURRENT YTD ACTUAL	PRIOR YEAR PO ADJUST.	YEAR TO DATE ENCUMBERED	BUDGET VARIANCE	% OF BUDGET
32 -ROLLING STOCK & EQUIPMENT									
TOTAL REVENUE	354,900.00	118,324.00	0.00	186,828.00	775,903.00	0.00	0.00	775,903.00	0.00
TOTAL EXPENDITURES	122,372.00	0.00	0.00	0.00	0.00	0.00	312,687.92	(312,687.92)	0.00
REVENUES OVER/(UNDER) EXPENDITURES	232,528.00	118,324.00	0.00	186,828.00	775,903.00	0.00	(312,687.92)	463,215.08	0.00
40 -DEBT SERVICE FUND									
TOTAL REVENUE	3,701,135.00	1,838,675.60	4,251,120.00	2,415,317.02	3,417,862.57	0.00	0.00	(833,257.43)	80.40
TOTAL EXPENDITURES	3,672,476.00	1,900,956.86	4,273,250.00	2,618,687.84	2,619,087.84	0.00	0.00	1,654,162.16	61.29
REVENUES OVER/(UNDER) EXPENDITURES	28,659.00	(62,281.26)	(22,130.00)	(203,370.82)	798,774.73	0.00	0.00	820,904.73	3,609.47-
50 -UTILITY FUND									
TOTAL REVENUE	5,344,100.00	1,826,124.73	6,131,040.00	527,988.06	2,366,633.81	0.00	0.00	(3,764,406.19)	38.60
TOTAL EXPENDITURES	5,357,779.00	1,401,309.90	5,520,810.00	395,465.20	1,662,726.76	0.00	985,883.45	2,872,199.79	30.12
REVENUES OVER/(UNDER) EXPENDITURES	(13,679.00)	424,814.83	610,230.00	132,522.86	703,907.05	0.00	(985,883.45)	(892,206.40)	115.35
51 -UITILITIES CAPITAL IMPROV									
TOTAL REVENUE	1,908,195.00	27,057.85	0.00	27,402.62	109,223.23	0.00	0.00	109,223.23	0.00
TOTAL EXPENDITURES	2,053,140.00	1,771,245.10	0.00	0.00	57,894.99	0.00	420,799.00	(478,693.99)	0.00
REVENUES OVER/(UNDER) EXPENDITURES	(144,945.00)	(1,744,187.25)	0.00	27,402.62	51,328.24	0.00	(420,799.00)	(369,470.76)	0.00
52 -UTILITIES ROLLING STOCK									
TOTAL REVENUE	126,520.00	42,184.00	0.00	0.00	10,542.00	0.00	0.00	10,542.00	0.00
REVENUES OVER/(UNDER) EXPENDITURES	126,520.00	42,184.00	0.00	0.00	10,542.00	0.00	0.00	10,542.00	0.00
54 -UTILITY IMPACT FEES									
TOTAL REVENUE	43,500.00	29,183.03	0.00	11,240.93	34,789.24	0.00	0.00	34,789.24	0.00
REVENUES OVER/(UNDER) EXPENDITURES	43,500.00	29,183.03	0.00	11,240.93	34,789.24	0.00	0.00	34,789.24	0.00
60 -ASSET SEIZURES & FORFEIT.									
80 -GENERAL FIXED ASSETS									
90 -POOLED CASH									
GRAND TOTAL REVENUES	37,465,060.00	13,617,718.44	29,936,961.00	9,998,059.18	19,575,314.72	0.00	0.00	(10,361,646.28)	65.39
GRAND TOTAL EXPENDITURES	40,601,182.00	11,590,752.85	29,127,140.00	4,198,937.25	9,598,758.82	0.00	8,143,634.32	11,384,746.86	32.95
REVENUES OVER/(UNDER) EXPENDITURES	(3,136,122.00)	2,026,965.59	809,821.00	5,799,121.93	9,976,555.90	0.00	(8,143,634.32)	1,023,100.58	1,231.95

*** END OF REPORT ***

REVENUE & EXPENSE REPORT (UNAUDITED)
AS OF: JANUARY 31ST, 2024

10 -GENERAL FUND
FINANCIAL SUMMARY 33.33% OF YEAR COMPLETED

ACCT# ACCOUNT NAME	ANNUAL	CURRENT	Y-T-D ACTUAL	% OF BUDGET	FAVORABLE (UNFAVORABLE)	PRIOR YR Y-T-D
REVENUE SUMMARY						
TAX REVENUES	13,430,890.00	6,187,728.78	9,530,977.75	70.96	3,899,912.25	7,317,993.64
FRANCHISE FEES	1,254,100.00	108,806.53	472,903.24	37.71	781,196.76	386,495.35
SERVICES	1,275,600.00	131,613.37	525,664.79	41.21	749,935.21	401,215.78
FINES & FORFEITURES	372,700.00	4,431.41	118,222.51	31.72	254,477.49	183,304.16
LICENSES & PERMITS	329,750.00	7,730.30	39,926.68	12.11	289,823.32	74,623.12
OTHER REVENUE	980,050.00	117,087.69	510,776.34	52.12	469,273.66	271,108.85
TRANSFERS FROM OTHER FUND	970,000.00	90,833.00	441,669.00	45.53	528,331.00	425,008.00
*** TOTAL REVENUES ***	18,613,090.00	6,648,231.08	11,640,140.31	62.54	6,972,949.69	9,059,748.90
EXPENDITURE SUMMARY						
NON-DEPARTMENTAL	2,126,400.00	103,098.02	507,686.26	23.88	1,618,713.74	475,417.03
MAYOR AND CITY COUNCIL	248,200.00	4,326.10	6,886.07	2.77	241,313.93	11,473.35
CITY MANAGER	240,950.00	15,726.61	64,345.47	26.70	176,604.53	62,433.27
CITY SECRETARY	316,490.00	22,739.33	92,528.48	29.24	223,961.52	69,050.17
FINANCE	444,720.00	31,245.61	161,371.34	36.29	283,348.66	119,184.15
CITY ATTORNEY	190,000.00	5,295.00	17,859.60	9.40	172,140.40	38,753.08
MUNICIPAL COURT	329,990.00	20,672.30	97,405.56	29.52	232,584.44	87,034.51
LIBRARY	379,990.00	28,259.95	115,123.56	30.30	264,866.44	109,582.47
FIRE	359,750.00	29,416.75	81,963.80	22.78	277,786.20	79,823.34
POLICE	4,136,100.00	279,333.20	1,206,518.21	29.17	2,929,581.79	1,090,763.86
PARKS AND RECREATION	1,251,620.00	67,325.10	292,759.99	23.39	958,860.01	173,046.71
STREETS	4,267,130.00	222,395.61	949,397.84	22.25	3,317,732.16	347,866.53
DEVELOPMENT SERVICES	632,260.00	29,310.21	138,535.19	21.91	493,724.81	118,356.24
ANIMAL CONTROL	320,640.00	29,058.38	108,416.46	33.81	212,223.54	68,109.18
RECYCLING CENTER	143,120.00	4,459.78	19,079.08	13.33	124,040.92	1,813.26
CODE ENFORCEMENT	353,340.00	14,435.26	58,260.31	16.49	295,079.69	68,013.61
ECONOMIC DEVELOPMENT	205,280.00	13,738.68	58,378.23	28.44	146,901.77	44,742.04
FACILITIES MAINTENANCE	291,910.00	15,492.38	56,338.19	19.30	235,571.81	845.81
HUMAN RESOURCES	269,180.00	21,510.48	89,210.46	33.14	179,969.54	74,193.73
EMERGENCY MANAGEMENT	49,330.00	1,947.16	7,587.72	15.38	41,742.28	17,268.99
IT	614,520.00	16,633.52	220,749.12	35.92	393,770.88	90,361.73
COMMUNITY EVENTS	0.00	33.30	12,534.48	0.00	(12,534.48)	134,530.02
SANITATION	1,200,000.00	110,525.88	442,091.28	36.84	757,908.72	322,224.59
*** TOTAL EXPENDITURES ***	18,370,920.00	1,086,978.61	4,805,026.70	26.16	13,565,893.30	3,604,887.67
*** REVENUES OVER/(UNDER) EXPENDITURES *	242,170.00	5,561,252.47	6,835,113.61	822.44	(6,592,943.61)	5,454,861.23

REVENUE & EXPENSE REPORT (UNAUDITED)
AS OF: JANUARY 31ST, 2024

50 -UTILITY FUND
FINANCIAL SUMMARY 33.33% OF YEAR COMPLETED

ACCT# ACCOUNT NAME	ANNUAL	CURRENT	Y-T-D ACTUAL	% OF BUDGET	FAVORABLE (UNFAVORABLE)	PRIOR YR Y-T-D
REVENUE SUMMARY						
TAX REVENUES	5,781,640.00	487,061.19	2,155,305.77	37.28	3,626,334.23	1,714,517.79
OTHER REVENUE	349,400.00	40,926.87	211,328.04	60.48	138,071.96	111,606.94
*** TOTAL REVENUES ***	6,131,040.00	527,988.06	2,366,633.81	38.60	3,764,406.19	1,826,124.73
EXPENDITURE SUMMARY						
NON-DEPARTMENTAL	1,272,750.00	87,189.76	428,109.44	33.64	844,640.56	424,660.40
UTILITY BILLING OFFICE	301,340.00	22,203.33	110,967.71	36.82	190,372.29	80,278.40
WATER	2,444,700.00	163,252.15	695,331.73	28.44	1,749,368.27	630,335.47
WASTEWATER	1,502,020.00	122,819.96	428,317.88	28.52	1,073,702.12	266,035.63
*** TOTAL EXPENDITURES ***	5,520,810.00	395,465.20	1,662,726.76	30.12	3,858,083.24	1,401,309.90
*** REVENUES OVER/(UNDER) EXPENDITURES *	610,230.00	132,522.86	703,907.05	115.35	(93,677.05)	424,814.83

A3

Meeder Public Funds
901 S. MoPac
Suite 300
Austin, TX 78746
-

City of Ingleside, Texas
Portfolio Management
Portfolio Summary
December 31, 2023

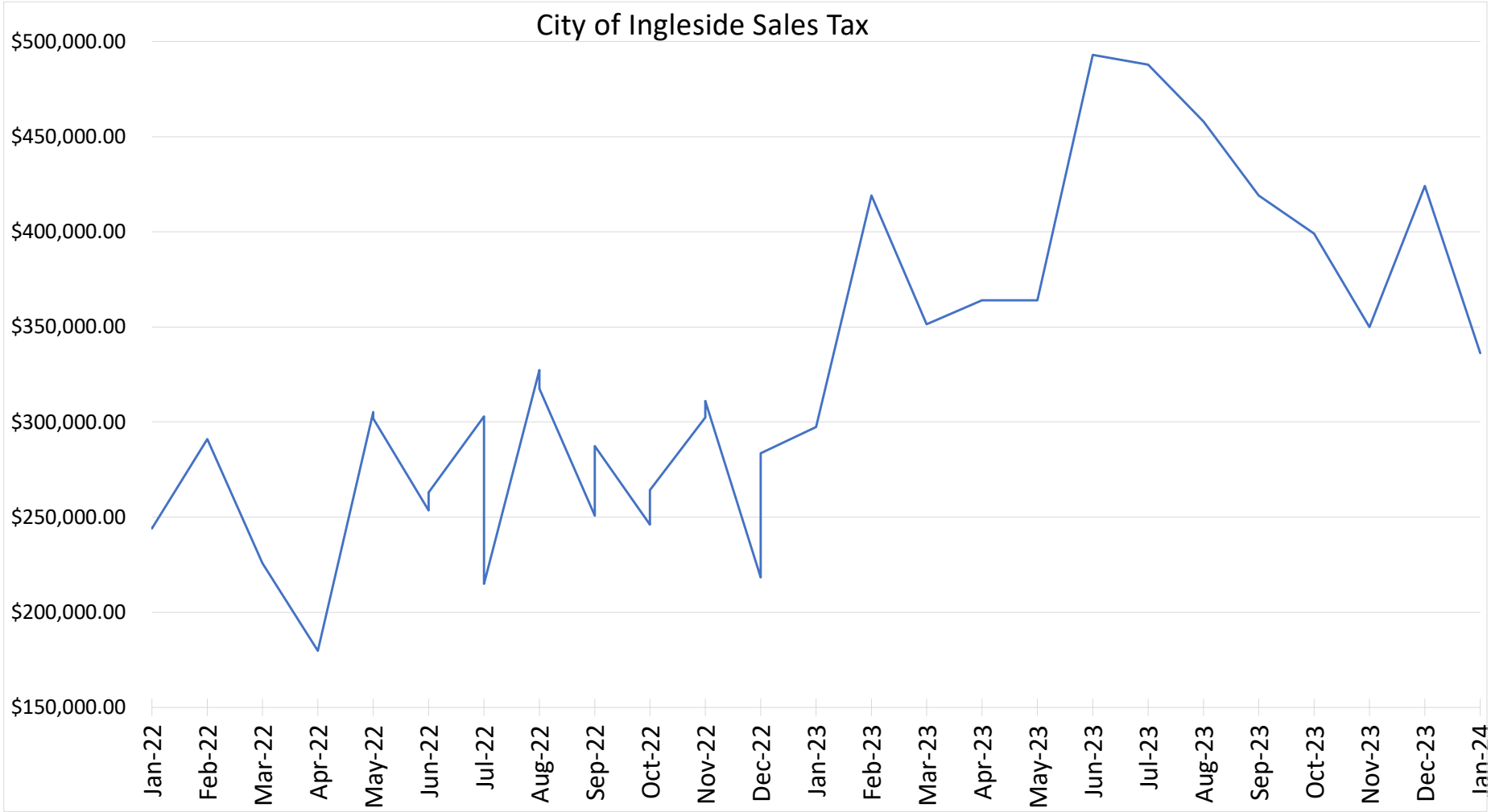
Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 365 Equiv.
Money Market Fund	2,657,425.74	2,657,425.74	2,657,425.74	4.48	1	1	0.243
Federal Agency Coupon Securities	3,000,000.00	2,931,133.95	3,000,000.00	5.06	1,096	179	0.400
Municipal Bonds	950,000.00	935,246.50	951,923.74	1.61	1,087	166	0.550
Frost Bank	13,634,599.17	13,634,599.17	13,634,599.17	23.00	1	1	3.876
Texpool Prime	39,048,445.07	39,048,445.07	39,048,445.07	65.86	1	1	5.594
Investments	**59,290,469.98**	**59,206,850.43**	**59,292,393.72**	**100.00%**	**74**	**13**	**4.615**
Cash and Accrued Interest							
Accrued Interest at Purchase		0.00	0.00				
Ending Accrued Interest		36,650.72	36,650.72				
Subtotal		36,650.72	36,650.72				
Total Cash and Investments Value	**59,290,469.98**	**59,243,501.15**	**59,329,044.44**		**74**	**13**	**4.615**

Total Earnings	December 31 Month Ending	Fiscal Year To Date
Current Year	222,977.90	669,209.85

Book balances reflected are actual balances per banks and will differ from City's reconciled book balances.

The following reports are submitted in accordance with the Public Funds Investment Act (Texas Gov't Code 2256). The reports also offer supplemental information not required bythe Act in order to fully inform the governing body of the City of Ingleside, Texas of the position and activity within the City's portfolio of investment. The reports include a management summary overview, a detailed inventory report for the end of the period, a trading report, as well as graphic representations of the portfolio to provide full disclosure to the governing body.

Caron Vela, Finance Director


City of Ingleside Sales Tax
$500,000.00
$450,000.00
$400,000.00
$350,000.00
$300,000.00
$250,000.00
$200,000.00
$150,000.00
Jan-22
Feb-22
Mar-22
Apr-22
May-22
Jun-22
Jul-22
Aug-22
Sep-22
Oct-22
Nov-22
Dec-22
Jan-23
Feb-23
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Jun-23
Jul-23
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Nov-23
Dec-23
Jan-24

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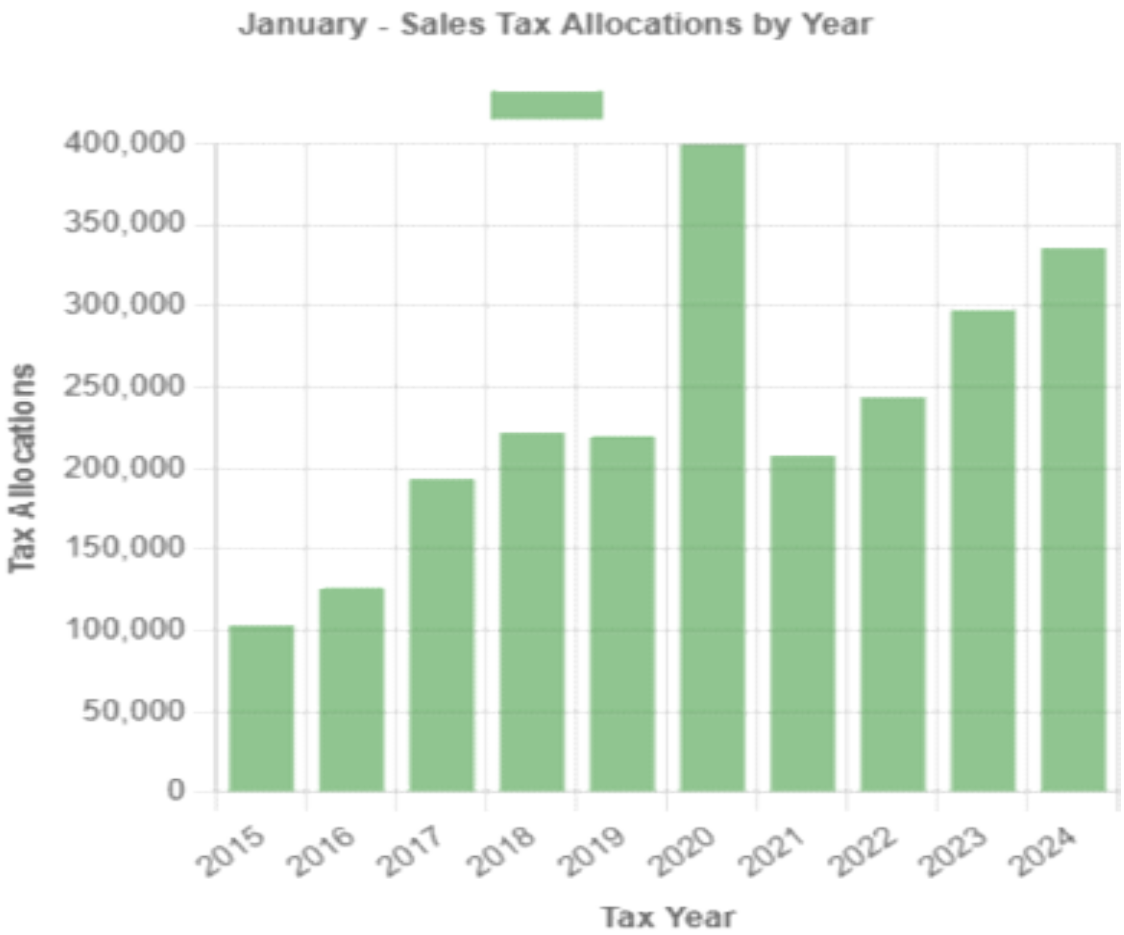

January - Sales Tax Allocations by Year
400,000
350,000
300,000
250,000
200,000
150,000
100,000
50,000
0
Tax Allocations
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
Tax Year

CITY COUNCIL AGENDA
Amended Regular Meeting: March 12, 2024

AGENDA ITEM: 6.d

City of Ingleside expenditures paid over $3,000.00 for the period of January 2024.

SUBMITTED BY: Caron Vela, Director of Finance

APPROVED FOR AGENDA: Brenton Lewis, City Manager

BACKGROUND:

Purchases are in compliance with the purchase policy. Purchase orders have been approved by the appropriate officials.

FISCAL ANALYSIS:

City of Ingleside expenditures paid over $3,000.00 01/01/2024-01/31/2024
Total A/P Check Amount: $3,639,589.14

RECOMMENDATION:

Information only.

ATTACHMENTS:

1. 2024-02-27 OVER 3K REPORT 01012024-01312024

VENDOR SET: 01 Ingleside
BANK: PCOP POOLED CASH - OPERATING
DATE RANGE: 1/01/2024 THRU 1/31/2024

VENDOR	I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
00159		TML INTERGOVERNMENT							
	I-PINGLES02401	TML HEALTH INSURANCE JAN 24	D	1/01/2024	116,487.17		000475		116,487.17
00010		IRS							
	I-T1 202401105285	FIT W/H	D	1/12/2024	17,570.56		000477		
	I-T3 202401105285	FICA W/H	D	1/12/2024	27,190.44		000477		
	I-T4 202401105285	MEDICARE W/H	D	1/12/2024	6,359.14		000477		51,120.14
00011		TEXAS MUNICIPAL RETIREMENT SYS							
	I-TMRS DEC 23	TMRS DEC 23 EMPLOYER EXP	D	1/11/2024	57,288.67		000480		
	I-TMRS DEC 23-2	TMRS DEC 23 EMPLOYEE	D	1/11/2024	34,345.81		000480		91,634.48
00325		CARD SERVICE CENTER							
	I-20231229 0744	MISC CREDIT CARD CHARGES	D	1/19/2024	32,703.64		000481		32,703.64
00010		IRS							
	I-T1 202401235286	FIT W/H	D	1/26/2024	16,427.37		000482		
	I-T3 202401235286	FICA W/H	D	1/26/2024	26,370.62		000482		
	I-T4 202401235286	MEDICARE W/H	D	1/26/2024	6,167.32		000482		48,965.31
04326		BOKF, NA							
	I-INGL815CO 022024	CO SERIES 2015	D	1/31/2024	403,231.25		000485		
	I-INGL823CO 022024	CO SERIES 2023	D	1/31/2024	679,663.72		000485		1,082,894.97
04551		FIRST NATIONAL BANK TEXAS							
	I-81344 0201 2024	TAX NOTE SERIES 2019	D	1/31/2024	414,447.75		000486		414,447.75
04784		FROST BANK							
	I-2018 TAX NOTE 02/2	TAX NOTE SERIES 2018	D	1/31/2024	256,604.50		000487		256,604.50
04324		INDEPENDENT BANK							
	I-968601 20240201	CO SERIES 2011	D	1/31/2024	137,106.00		000488		137,106.00
05152		UMB BANK NA							
	I-IN20 02012024	CO 2020	D	1/31/2024	93,050.25		000489		
	I-ING20 02012024	CO SERIES 2020	D	1/31/2024	325,800.00		000489		
	I-ING21 02012024	CO SERIES 2021	D	1/31/2024	308,784.37		000489		727,634.62
04453		CORE & MAIN LP							
	I-U067566	METER BOXES W/LID	R	1/04/2024	6,399.00		077048		6,399.00
04638		FREESE AND NICHOLS, INC.							
	I-1357969	ING21605 DRAINAGE MP	R	1/04/2024	18,053.50		077058		18,053.50

VENDOR SET: 01 Ingleside
BANK: PCOP POOLED CASH - OPERATING
DATE RANGE: 1/01/2024 THRU 1/31/2024

VENDOR	I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
03532		GEXA ENERGY, LP							
	I-20231217	ELECTRIC BILL NOV 23	R	1/04/2024	27,452.05		077060		27,452.05
05792		GREEN PLANET, INC.							
	I-49633	CLEANUP COLLECTION EVENT	R	1/04/2024	38,195.25		077062		38,195.25
00344		INGLESIDE CHAMBER OF COMMERCE							
	I-01032024	CONTRACT & MEMBERSHIP	R	1/04/2024	6,750.00		077065		
	I-10184	LUNCHEON	R	1/04/2024	500.00		077065		
	I-10509	ANNUAL MEMBERSHIP	R	1/04/2024	125.00		077065		7,375.00
01614		KIEWIT OFFSHORE SERVICES, LTD.							
	I-20231220	SALES TAX ABATEMENT 12202023	R	1/04/2024	54,370.50		077067		54,370.50
00079		LONE STAR LUMBER & HDWARE LLC							
	I-123123	BLANKET DEC 11TH-DEC 17TH	R	1/04/2024	158.22		077068		
	I-2311-629414	BLANKET DEC 11TH-DEC 17TH	R	1/04/2024	80.41		077068		
	I-2311-629419	BLANKET DEC 11TH-DEC 17TH	R	1/04/2024	2.79		077068		
	I-2311-629452	BLANKET DEC 11TH-DEC 17TH	R	1/04/2024	21.78		077068		
	I-2311-629798	BOLTS AND WASHERS	R	1/04/2024	2,102.99		077068		
	I-2311-629868	BLANKET DEC 11TH-DEC 17TH	R	1/04/2024	13.99		077068		
	I-2311-629868A	BLANKET DEC 11TH-DEC 17TH	R	1/04/2024	9.99		077068		
	I-2311-630352	BLANKET DEC 11TH-DEC 17TH	R	1/04/2024	32.38		077068		
	I-2311-630357	BLANKET DEC 11TH-DEC 17TH	R	1/04/2024	22.78		077068		
	I-2312-631559	BLANKET DEC 18TH-DEC 24TH	R	1/04/2024	118.94		077068		
	I-2312-631922	BLANKET DEC 11TH-DEC 17TH	R	1/04/2024	53.97		077068		
	I-2312-631935	BLANKET DEC 18TH-DEC 24TH	R	1/04/2024	4.29		077068		
	I-2312-631955	BLANKET DEC 18TH-DEC 24TH	R	1/04/2024	11.79		077068		
	I-2312-632110	BLANKET DEC 18TH-DEC 24TH	R	1/04/2024	41.95		077068		
	I-2312-632307	BLANKET DEC 11TH-DEC 17TH	R	1/04/2024	87.57		077068		
	I-2312-632310	BLANKET DEC 11TH-DEC 17TH	R	1/04/2024	20.59		077068		
	I-2312-632349	BLANKET DEC 11TH-DEC 17TH	R	1/04/2024	90.57		077068		
	I-2312-632362	BLANKET DEC 11TH-DEC 17TH	R	1/04/2024	28.56		077068		
	I-2312-632423	BLANKET DEC 11TH-DEC 17TH	R	1/04/2024	3.38		077068		
	I-2312-632599	BLANKET DEC 11TH-DEC 17TH	R	1/04/2024	28.85		077068		
	I-2312-632599A	BLANKET DEC 11TH-DEC 17TH	R	1/04/2024	39.25		077068		
	I-2312-632798	BLANKET DEC 18TH-DEC 24TH	R	1/04/2024	22.27		077068		
	I-2312-632820	BLANKET DEC 18TH-DEC 24TH	R	1/04/2024	41.28		077068		
	I-2312-632857	BLANKET DEC 11TH-DEC 17TH	R	1/04/2024	5.39		077068		
	I-2312-632867	BLANKET DEC 18TH-DEC 24TH	R	1/04/2024	7.68		077068		
	I-2312-632930	BLANKET DEC 18TH-DEC 24TH	R	1/04/2024	4.69		077068		
	I-2312-632941	BLANKET DEC 18TH-DEC 24TH	R	1/04/2024	6.78		077068		
	I-2312-632978	BLANKET DEC 18TH-DEC 24TH	R	1/04/2024	52.45		077068		
	I-2312-632981	BLANKET DEC 18TH-DEC 24TH	R	1/04/2024	52.38		077068		
	I-2312-633017	BLANKET DEC 18TH-DEC 24TH	R	1/04/2024	33.78		077068		3,201.74

VENDOR SET: 01 Ingleside
BANK: PCOP POOLED CASH - OPERATING
DATE RANGE: 1/01/2024 THRU 1/31/2024

VENDOR	I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
05226		MENTALIX, INC.							
	I-12852	ANNUAL MAINT CONTRACT	R	1/04/2024	5,520.00		077077		5,520.00
05199		MOFFITT HOLDINGS, LLC.							
	I-435717	FUEL	R	1/04/2024	3,461.55		077078		3,461.55
04747		OSTARCH HILMY & MCCAULEY, PLLC							
	I-196	MISC CHARGES NOV 23	R	1/04/2024	5,040.00		077082		5,040.00
00286		UNIQUE EMPLOYMENT I LTD							
	I-28080	TEMPS	R	1/04/2024	9,603.03		077097		
	I-28109	TEMPS	R	1/04/2024	8,775.01		077097		18,378.04
00432		VULCAN MATERIALS COMPANY							
	I-62720386	100 TONS OF ASPHALT	R	1/04/2024	6,197.15		077100		6,197.15
04638		FREESE AND NICHOLS, INC.							
	I-1364262	ING21605 DRAINAGE MP	R	1/11/2024	20,219.40		077121		20,219.40
05770		H&E EQUIPMENT SERVICES							
	I-990092378	TWO BOOM LIFT RENTALS	R	1/11/2024	2,322.01		077126		
	I-99099538	TWO BOOM LIFT RENTALS	R	1/11/2024	2,322.01		077126		4,644.02
00054		SAN PATRICIO MUNICIPAL WATER D							
	I-03302000 20231228	CALI WATER PURCHASES	R	1/11/2024	19,050.24		077147		
	I-03302200 20231228	SUNRAY WATER PURCHASES	R	1/11/2024	81,026.88		077147		
	I-202401	SCADA INTERLOCAL 23-24	R	1/11/2024	250.00		077147		100,327.12
00126		STATE COMPTROLLER							
	I-20231231	QUARTERLY STATE CRIMINAL	R	1/11/2024	41,110.34		077149		41,110.34
05481		SYSTEMSEVEN SERVICES, LLC							
	I-INV60266	PHONE/INTERNET/FAX JAN 24	R	1/11/2024	4,169.72		077150		4,169.72
00541		TEXAS MUNICIPAL LEAGUE - IRP							
	I-20240101 8939	INSURANCE WC & LIABILITY	R	1/11/2024	55,765.50		077154		55,765.50
00286		UNIQUE EMPLOYMENT I LTD							
	I-28138	TEMPS	R	1/11/2024	5,647.50		077156		5,647.50
05188		AT&T MOBILITY LLC							
	I-287299413911010324	CELL & HOTSPOTS DEC 23	R	1/18/2024	3,046.66		077168		3,046.66

VENDOR SET: 01 Ingleside
BANK: PCOP POOLED CASH - OPERATING
DATE RANGE: 1/01/2024 THRU 1/31/2024

VENDOR	I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
05321		BELL'S UNLIMITED SERVICES, INC							
	I-1123033876	MONTHLY MAIN SVA AC 23/24	R	1/18/2024	1,515.00		077174		
	I-1123033914A	AC PREV MAINT QUARTERLY	R	1/18/2024	1,515.00		077174		
	I-1123035207	ELECTRIC REPAIR	R	1/18/2024	1,975.00		077174		5,005.00
04747		OSTARCH HILMY & MCCAULEY, PLLC							
	I-197	MISC CHARGES DEC 23	R	1/18/2024	4,400.00		077216		4,400.00
00034		REPUBLIC SERVICES, INC.							
	I-0847-001314634	GARBAGE BILL	R	1/18/2024	110,919.84		077223		110,919.84
00169		TRI COUNTY EMERGENCY MEDICAL S							
	I-14422	AMBULANCE SUBSIDY	R	1/18/2024	20,292.60		077234		20,292.60
00286		UNIQUE EMPLOYMENT I LTD							
	I-28165	TEMPS	R	1/18/2024	6,635.87		077237		6,635.87
05379		WEX BANK							
	I-94509084	FUEL PD AC CE	R	1/18/2024	5,651.84		077242		5,651.84
05778		AOC HOLDING COMPANY							
	I-B836171-IN	FUEL	R	1/25/2024	3,582.97		077248		3,582.97
05521		DELAURO, GENE							
	I-20240122	LABOR & MILEAGE	R	1/25/2024	3,331.44		077254		3,331.44
04295		HANSON PROFESSIONAL SERVICES,							
	I-ARIV1003154	18L0321 STORMWATER PRJ	R	1/25/2024	4,406.95		077260		
	I-ARIV1003452	19L0026AL ANIMAL SHELTER	R	1/25/2024	6,500.00		077260		
	I-ARIV1003453	19L0026W 2020 BOND PROG	R	1/25/2024	14,747.83		077260		25,654.78
03301		TCEQ							
	I-2020-0469-MWD-E	PENALTY DKT 2020-0469-MWD-E	R	1/25/2024	53,804.75		077275		53,804.75
	CITY OF INGLESIDE DOCKET NO 2020-0469-MWD-E								
00008		TYLER TECHNOLOGIES, INC.							
	I-025-450527	INSITE FEES - UTILITY BILLING	R	1/25/2024	3,040.00		077277		3,040.00
00286		UNIQUE EMPLOYMENT I LTD							
	I-28192	TEMPS	R	1/25/2024	9,097.43		077278		9,097.43

VENDOR SET: 01 Ingleside
BANK: PCOP POOLED CASH - OPERATING
DATE RANGE: 1/01/2024 THRU 1/31/2024

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT

* * T O T A L S * *	NO			INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
REGULAR CHECKS:	32			679,990.56	0.00	679,990.56
HAND CHECKS:	0			0.00	0.00	0.00
DRAFTS:	10			2,959,598.58	0.00	2,959,598.58
EFT:	0			0.00	0.00	0.00
NON CHECKS:	0			0.00	0.00	0.00
VOID CHECKS:	0	VOID DEBITS	0.00			
		VOID CREDITS	0.00	0.00	0.00	

TOTAL ERRORS: 0

	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
VENDOR SET: 01 BANK: PCOP TOTALS:	42	3,639,589.14	0.00	3,639,589.14
BANK: PCOP TOTALS:	42	3,639,589.14	0.00	3,639,589.14
REPORT TOTALS:	42	3,639,589.14	0.00	3,639,589.14

SELECTION CRITERIA

VENDOR SET: 01-City of Ingleside
VENDOR: ALL
BANK CODES: All
FUNDS: All

CHECK SELECTION

CHECK RANGE: 000000 THRU 999999
DATE RANGE: 1/01/2024 THRU 1/31/2024
CHECK AMOUNT RANGE: 3,000.00 THRU 999,999,999.99
INCLUDE ALL VOIDS: YES

PRINT OPTIONS
SEQUENCE: CHECK NUMBER

PRINT TRANSACTIONS: YES
PRINT G/L: NO
UNPOSTED ONLY: NO
EXCLUDE UNPOSTED: NO
MANUAL ONLY: NO
STUB COMMENTS: YES
REPORT FOOTER: NO
CHECK STATUS: NO
PRINT STATUS: * - All

CITY COUNCIL AGENDA
Amended Regular Meeting: March 12, 2024

AGENDA ITEM: 8

Proclamation to recognize Vicky Cook Day in the City of Ingleside.

SUBMITTED BY: Ruby Beaven, City Secretary

APPROVED FOR AGENDA: Brenton Lewis, City Manager

BACKGROUND:

The City of Ingleside would like to recognize Vicky Cook for her legacy of caring and for the imprint she has upon our community with a proclamation to proclaim March 13, 2024 as Vicky Cook Day.

FISCAL ANALYSIS:

N/A

RECOMMENDATION:

Information Only.

ATTACHMENTS:

1. Proclamation - Vicky Cook Day-DRAFT V5

PROCLAMATION

WHEREAS, Vicky Cook, for fifteen years, has been a dedicated member of the Ingleside Garden Club serving in all officer positions, scheduling programs, and remembering birthdays; and

WHEREAS, Vicky Cook was instrumental in assisting the staff of the City of Ingleside in applying for the Tree City USA designation; and

WHEREAS, Vicky Cook has contributed countless hours to the City of Ingleside Arbor Day Celebration that was held on November 03, 2023; and

WHEREAS, Vicky Cook did submit entries and information for the City of Ingleside and the Ingleside Chamber of Commerce to the Texas Travel Guide on behalf of the Garden Club placing Ingleside into the guide for the first time; and

WHEREAS, Vicky Cook was responsible for registering "Lone Oak", the biggest Live Oak in Live Oak Park, with the Junior League Tree with the Louisiana Garden Club Federation Inc.; and

WHEREAS, Vicky Cook is recognized as a Member of Honor by the Ingleside Garden Club and District VII of Texas Garden Clubs Inc; and

WHEREAS, Vicky Cook diligently worked to start the Seed Exchange at the Ingleside Library in February of 2024; and

WHEREAS, the City Council would like to recognize Vicky Cook and her legacy of caring and for the imprint she has upon our community; and

NOW THEREFORE, I, Pedro Oscar Adame, Mayor of the City of Ingleside, Texas, in recognition of outstanding contributions of Vicky Cook, do hereby proclaim March 13, 2024 as

"Vicky Cook Day"

in the City of Ingleside, Texas, and encourage citizens to thank Vicky Cook and applaud her for her dedicated service to our community.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Seal of the City of Ingleside to be affixed this 12th day of March, 2024.

CITY OF INGLESIDE, TEXAS

_____

Pedro Oscar Adame, Mayor

ATTEST:

_____

Ruby Beaven, City Secretary

DRAFT

CITY COUNCIL AGENDA
Amended Regular Meeting: March 12, 2024

AGENDA ITEM: 9

Deliberate and take appropriate action on a first and only reading of an Ordinance amending the fiscal year 2023-2024 budget for the City of Ingleside, Texas, for the General Fund for appropriation of the donation for the Recycling Department.

SUBMITTED BY: Caron Vela, Director of Finance

APPROVED FOR AGENDA: Brenton Lewis, City Manager

BACKGROUND:

A donation in the amount of $22,000 to the City of Ingleside from Keep Texas Beautiful (KTB), through its Keep Texas Recycling program, as part of the H-E-B Community Recycling Grant Program, was accepted by the City Council on February 13, 2024. Created in 2021, this program seeks projects that will help communities build sustainable recycling opportunities and/or increase public education and awareness around waste reduction and recycling.

FISCAL ANALYSIS:

Funding for this grant opportunity is provided by H-E-B. The City of Ingleside will use these grant funds of $22,000 for the purchase or installation of a loading dock and other needed items to achieve the recycling goal of reducing space in our landfills.

RECOMMENDATION:

Request Council to appropriate the funds from the donation from the H-E-B Community Recycling Grant Program through the attached budget amendment.

ATTACHMENTS:

1. 2024-02-27 ORDINANCE NO- FY2023-XX BUDGET AMEND-HEB DONATION

ORDINANCE NO. 2024-__

AN ORDINANCE AMENDING THE FISCAL YEAR 2023-2024 BUDGET FOR THE CITY OF INGLESIDE, TEXAS, FOR THE GENERAL FUND FOR APPROPRIATION OF THE DONATION FOR THE RECYCLING DEPARTMENT.

BE IT ORDAINED BY THE CITY COUNCIL OF INGLESIDE, TEXAS:

WHEREAS, it was unforeseen when the budget was adopted that there would be a need for funding for these expenditures this fiscal year.

BE IT ORDAINED by the City Council of the City of Ingleside that the Fiscal Year 2023-2024 budget be amended as shown as follows:

CITY OF INGLESIDE
DEPARTMENT REVENUES AND EXPENSES
BUDGET AMENDMENT

Account Name:	Dept-Acct Number:	Budget Increase	Budget Decrease
Fund 10 General Fund			
Revenues			
Donations-Recycling	4584	22,000	
Expenses			
Donation-Recycling Exp	517-590	22,000	

[To amend the FY2024 budget as shown above to recognize the revenue and appropriate the expense for the donation to the Recycling Department.]

THAT all Ordinance or parts of Ordinances in conflict with this Ordinance are repealed to the extent of such conflict only.

THAT if for any reason any section, paragraph, subdivision, clause, phrase, word or provision of this ordinance shall be held invalid or unconstitutional by final judgement of a court of competent jurisdiction, it shall not affect any other section, paragraph, subdivision, clause, phrase, word or provision of this ordinance, for it is the definite intent of this City Council that every section, paragraph, subdivision, clause, phrase, word or provision hereof be given full force and effect for its purpose.

THAT this Ordinance shall not be codified, but shall become effective on and after adoption and publication as required by law.

DRAFT

PASSED, APPROVED AND ADOPTED this _____ day of _____ 2024.

CITY OF INGLESIDE, TEXAS

_____
Pedro Oscar Adame, Mayor

ATTEST:

_____
Ruby Beaven, City Secretary

DRAFT

CITY COUNCIL AGENDA
Amended Regular Meeting: March 12, 2024

AGENDA ITEM: 10

Deliberate and take appropriate action on the Regular Meeting Minutes of February 27, 2024.

SUBMITTED BY: Ruby Beaven, City Secretary

APPROVED FOR AGENDA: Brenton Lewis, City Manager

BACKGROUND:

Please see the accompanying Minutes:

Regular Meeting Minutes of February 27, 2024

FISCAL ANALYSIS:

N/A

RECOMMENDATION:

Staff recommends approval of the meeting minutes, as presented.

ATTACHMENTS:

1. 2024, 02-27 Regular Council Minutes_DRAFT

CITY OF INGLESIDE
REGULAR CITY COUNCIL MEETING
MINUTES
FEBRUARY 27, 2024
6:30 P.M.

Opening Agenda

1. **Call Meeting to order**.

   The Regular Council Meeting of the City of Ingleside was called to order by Mayor Adame at 6:30 p.m. on February 27, 2024, at Humble Station Community Center, 2821 Main St., Ingleside, TX and live video streaming.

2. **Roll Call.**

   With Council Members present a quorum was established.

   Council Members Present: Steve Diehl, Stewart Wilson, David Pruitt, John Salinas, Mayor Pro-Tem Tracy Long, Julio Salinas, and Mayor Adame.

3. **Invocation.**

   Council Member Pruitt led the invocation.

4. **Pledge of Allegiance.**

   Mayor Adame led the Pledge of Allegiance to the U.S. flag.

5. **Citizen Comments and Reports**

   Cindy Wilson, 2635 San Angelo, addressed the Council about protecting the Legacy Oaks during drainage projects, and requesting the Council do a Proclamation for the Women's Club for their 90th Anniversary.

   Desiree Beaudry, 2032 Hwy 361 Apt.# 612, addressed the Council about the Comprehensive Master Plan, and handed out pictures of maps to indicate an area where the City could protect and maintain the habitat of wildlife, especially birds.

   Vicky Cook, 3009 Lakeview West Dr., addressed the Council about having the Public Library expanded, by adding a gazebo to Faith Park for outdoor Library events.

   Mike Stempelmann, 2447 Avenue C, addressed the Council about an issue with a neighbor, handed out photos for the Council to look at, and requested assistance with the neighbor.

   Mayor Adame made a statement of fact indicating that he did interact with Mr. Stempelmann regarding the neighbor issue, and said the pictures are true.

6. Staff Comments and Reports

A. Update on Overall General Projects

Director of Infrastructure Services Paredez addressed the Council giving a brief update on the projects that have changes:

Project No. 1: Kenny Lane Roadway Improvement, contractor is preparing to begin the construction.

Project No. 2: Wastewater Treatment Plant, awaiting final approval from TCEQ.

Project No. 3: Houghton Drainage Improvement, is currently slated to be completed by March 1, 2024.

Project No. 4: Recycle/Bulk Collection Facility, the Recycle building is completed but the Bulk Collection Facility is pending.

Project No. 5: Live Oak Pavement Improvement is currently being contracted.

Project No. 6: Animal Control Facility is under construction; the foundation has been placed and contractors are proceeding with erecting the building.

Project No. 7: Hultgreen Improvements, most of the water line has been replaced, and the wastewater line will follow.

Project No. 7a: Multi-Purpose Athletic Fields is complete and pending closeout.

Project No. 7b: Garden Center is currently being contracted.

Project No. 7c: Faith Park Walking Trail is in design phase.

Project No. 8: N. O. Simmons Playground Lighting is under design.

Project No. 9: West Main Street Parking Lot and City Hall Parking Lot is in design phase.

Project No. 10: Meter Installation, as of February 27th a total of 2,634 meters have been installed, which is approximately 95% of the residential meters; 970 meters left which will be the business meters from 2 inch to 10 inch.

Project No. 11: Tiner Lane, staff has paved an additional 840 feet, from the original work going towards Avenue A.

7. Council Comments and Reports

No Council Comments and Reports presented for this meeting.

DRAFT

Presentations

No Presentations presented for this meeting.

Consent Agenda

Mayor Adame requested to withdraw Item 10 and Item 11 from the Agenda. There were no objections by Council, and Mayor Adame stated that the items were withdrawn.

8. **TABLED 02/13/2024: Deliberate and take appropriate action on the Special Meeting minutes of January 16, 2024.**

9. **Deliberate and take appropriate action on the Regular Meeting Minutes of February 13, 2024.**

10. **Deliberate and take appropriate on the acceptance of the Certification of Unopposed Candidates for the City of Ingleside, Texas, in accordance with Section 2.052, Texas Election Code.**

    Item withdrawn from the agenda.

11. **Deliberate and take appropriate action on a Resolution of the City of Ingleside, Texas for Order of Cancellation for the General Election for Council Members Place 2, 4, and 6 scheduled for May 4, 2024, and declaring each unopposed candidate elected to office in accordance with Section 2.053(a) of the Texas Election Code, Order of Cancellation, Unopposed Candidates.**

    Item withdrawn from the agenda.

    Motion: Council Member Diehl made a motion to approve the Consent Agenda excluding Item 10 and Item 11 which was withdrawn from the Consent Agenda. Council Member Pruit seconded the motion. Motion carried with all present voting in favor.

Executive Session

No Executive Session presented for this meeting.

Public Hearing

No Public Hearing presented for this meeting.

Regular Agenda

12. **Deliberate and take appropriate action on the presentation and acceptance of the Ingleside Volunteer Fire Department's new brush truck.**

Discussion was held between Council Members and Fire Chief Miller about the new brush truck, and it staying in town alongside Engine 111 to protect the town while all other apparatuses can respond to mutual aid incidents.

No Action Taken.

13. Deliberate and take appropriate action on authorizing staff to advertise for Request for Qualifications for a firm to provide legal services to the City of Ingleside.

Discussion was held between Council Members about law firms available that are multi-function firms that can do all services, and it being good business sense.

Motion: Council Member Diehl motion to authorize staff to advertise for Request for Qualifications for a firm to provide legal services to the City of Ingleside. Council Member John Salinas seconded the motion. Motion carried with all present voting in favor.

14. Announcements of Community Interest and/or upcoming events.

A. Ingleside Library Seed Swap, February 2024
B. San Patricio County Career Expo & Job Fair, Sinton, February 29
C. Trashion Fashion Show, Ingleside, February 29
D. TxDot Public Hearing, Gregory, March 5
E. TML Midyear Conference, San Marcos, March 14-15
F. Ingleside Round Up Days, March 22-24
G. Crawfish Cook-Off, Ingleside, April 19-20

15. Items to consider for placement on future agendas.

Council Member Diehl asked Staff to get a Proclamation together for the 90th Anniversary of the Women's Club.

Council Member Diehl asked Staff to look into moving City Hall.

Council Member Diehl asked that staff work with Police and Code Compliance about hazardous transmission fluids running from property into public roadway, possibly look at the ordinances for this.

Council Member Diehl asked about the Beautification of the City.

Council Member John Salinas asked Staff to look at moving all City entities into one location, not just moving City Hall.

Mayor Pro-Tem Long request that Council Members look into the recommendations he has made in regard to the upcoming Ordinance for Animal Control that was tabled from the previous meeting to March 12, 2024.

Council Member Julio Salinas asked Staff to look into previous requests that were made.

Mayor Adame asked Staff to look into the upcoming contracts from Little League and any other contracts that may come up.

Mayor Adame asked Staff to look into going out for grants for the projects that are ongoing, or the projects that are coming up.

16. Adjourn.

Mayor Adame adjourned the regular meeting of the City of Ingleside at 7:16 p.m.

APPROVED:

_____

Pedro Oscar Adame, Mayor

ATTEST:

_____

Ruby Beaven, City Secretary

DRAFT

CITY COUNCIL AGENDA
Amended Regular Meeting: March 12, 2024

AGENDA ITEM: 13

Deliberate and take appropriate action on an agreement between the City of Ingleside and the Ingleside Little League Association for the use of the Bennie Diegel Baseball Complex.

SUBMITTED BY: Gary Paredez, Director of Infrastructure Services

APPROVED FOR AGENDA: Brenton Lewis, City Manager

BACKGROUND:

The Ingleside Little League Association has requested the use of the Bennie Diegel Baseball Complex for the period from March 1st, 2024, to August 31st, 2024. During this period, the Little League will conduct its scheduled league play. The City reserves the right to use the fields during the life of this contract for special city events, as long as they don't conflict with normal Little League scheduled play. A Special Use Permit will be issued individually for the use of the facility by other organizations.

FISCAL ANALYSIS:

N/A

RECOMMENDATION:

Staff recommends authorizing the Mayor and City Manager to execute the agreement on behalf of the City of Ingleside.

ATTACHMENTS:

1. LLB Insurance Certificate
2. Little League Agreement

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 1/3/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Keystone Risk Managers, LLC 1995 Point Township Drive Northumberland PA 17867	**CONTACT NAME:** David Irwin **PHONE (A/C, No, Ext):** (570) 473-2150 **FAX (A/C, No):** (570) 473-2151 **E-MAIL ADDRESS:** DIrwin@Keystoneinsgrp.com
INSURED Little League Baseball Risk Purchasing Group, Incorporated INGLESIDE LL 2997 Westlake Drive INGLESIDE TX 78362	**INSURER(S) AFFORDING COVERAGE** / **NAIC #** **INSURER A :** Interstate Fire & Casualty Company — 22829 **INSURER B :** **INSURER C :** **INSURER D :** **INSURER E :** **INSURER F :**

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	[X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [ ] PRO-JECT [ ] LOC [X] OTHER: Per League	X	X	UST030987240	01/02/2024	01/01/2025	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG SEXUAL ABUSE OCC/AGG	$ 1,000,000 $ 300,000 $ Excluded $ 1,000,000 $ 2,000,000 $ 1,000,000 $ 1M/$1M
	AUTOMOBILE LIABILITY [ ] ANY AUTO [ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS [ ] HIRED AUTOS ONLY [ ] NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ $ $ $
	[ ] UMBRELLA LIAB [ ] OCCUR [ ] EXCESS LIAB [ ] CLAIMS-MADE [ ] DED [ ] RETENTION $						EACH OCCURRENCE AGGREGATE	$ $
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N [ ] **(Mandatory in NH)** If yes, describe under DESCRIPTION OF OPERATIONS below	N / A					[ ] PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ $ $

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Certificate Holder is named as Additional Insured per form CG 2026 (12/19)

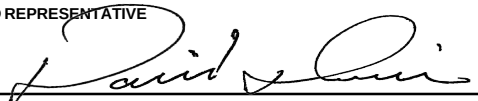
CERTIFICATE HOLDER

The City of Ingleside
P.O. Box Drawer 400
Ingleside TX 78362

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



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FACILITY USAGE AGREEMENT
THE CITY OF INGLESIDE AND INGLESIDE LITTLE LEAGUE

The City of Ingleside grants: to the Ingleside Little League the use of city facilities described as the Benny Diegel Baseball Complex, located at Live Oak Park in Ingleside, TX for the following periods:

TERMS OF AGREEMENT: March 1, 2024, through August 31st, 2024. At the expiration of this contract, the League will vacate the premises entirely, including the removal of personal property from the concession stand.

For the remainder of this contract, the Ingleside Little League shall be referred to as "The League" and the City of Ingleside shall be referred to as "The City".

The League shall have exclusive use of said facilities during dates shown above. The League will in no way restrict public access to the park or to the fields, nor charge a fee for public viewing of games. The City reserves the right to use the fields when no games or practices are scheduled for the length of this contract. The City will provide ample notice for use of the fields for special city events. The hours of operation of the League will be Monday through Friday from 4:00 p.m. until 10:00 p.m., Saturdays, from 8:00 a.m. until 10:00 p.m. and Sundays at any time when tournaments are scheduled between the hours of 8:00 a.m. and 9:00 p.m.

The City reserves the right to inspect the fields, restrooms, and facilities at any time.
The league will be responsible for the care and maintenance of the field during the season. Field maintenance shall consist of, but not limited to:

- Grade the infield so water drains off the field after rainfall.
- Regularly drag and rake the field to maintain the infield grade and prevent ruts and puddles from forming that could impede playability and present safety hazards.
- Clearly and thoroughly communicate proper baseball field care and etiquette to everyone using the field.
- Provide the soil with the nutrients it needs to stay healthy.
- Water the grass according to the soil's dryness and overall moisture retention.
- With every mow, ensure the grass maintains at least one-third of its growth to prevent decline.
- Schedule regular mowings so you can keep the baseball field grass at its desired height without removing more than one-third of its growth.
- Examine and maintain the baseball field before and after every use and ensure it isn't used when wet.

DRAFT

- Perform general maintenance and repairs on structures around the field to ensure their proper function and safety for both spectators and participants, including fences, dugouts, bleachers, and other miscellaneous structures.

Outfield

- Ensure at least 75% of the field is covered with turfgrass.
- Check that there are no bare spots that leave hard soil exposed.
- Ensure no standing water is on the field.
- Make sure turfgrass has a uniform color, density, and height.
- Remove any burrs, thistles, and thorns.
- Fix any gopher holes, mounds, or ruts.
- Communicate the importance of caring for the outfield grass to coaches and parents.

Infield

- Ensure the clay is loose enough and not too coarse for safe sliding but not so loose that it impedes traction.
- Checking that the running paths are level and the bases; home plate and pitcher's rubber are securely anchored.
- Removing lip or soil buildup between the infield and outfield boundary.
- Ensuring the skinned area is dry – and if not, facilitating proper drainage.
- Postponing play if the soil sticks to your shoes.
- Making sure the pitcher's mound, batter's box, and home plate areas are in good condition and conform to league requirements.

No field maintenance equipment shall be visible while not in use. Any desired field alterations (baselines, chalking, pitcher's mound, and home plate), repairs or improvement beyond the normal routine maintenance must have prior written approval from the City's Director of Infrastructure Services and will be accomplished in accordance with all City ordinances and codes. The City will mow and edge the fence line inside and out, not the base paths the fields at a minimum once every two weeks. The League has permission to mow or trim the fields more often, if it so desires, if the mowing heights are approved by and scheduled with the Director of Infrastructure Services. The City agrees to maintain the fields during the time that a Facility Usage Agreement is not in effect with the League.

<u>Improvements and Repairs:</u>
Improvements made will become City property, unless otherwise agreed to in writing with the approval of the City Manager. No improvements may be removed without prior written approval from the Director of Infrastructure Services. Examples of improvements include, but are not limited to the following: lights, light poles, light fixtures, scoreboards, and associated control boxes, bleachers, and fencing.

The City agrees, at City expense, to provide adequate restroom facilities for the league use. The City will provide restrooms, lighting, gate facility keys, and concession keys to the League, and the League agrees to lock the facilities at the close of each day's game. Keys must be returned within seven (7) days of the end of the contract. The league must leave a key deposit of $90 per key in the form of a check or money order.

Cleaning:
The League agrees to clear the fields, restrooms, and bleachers of trash and equipment following each game. Trash will be placed in trash cans which will be provided by the City. All paper products including but not limited to shall be furnished by the League. Paper products are defined as hand soap, toilet paper, paper towels, etc.

Additional Provisions:
The League shall provide items #1 and #2 to the City before the agreement is in effect and use of the facility is permitted. Item #3 must be received prior to league games being played at the facility. The league shall provide the following items to the City as a prerequisite for use of City facilities:

1. l) The League agrees to carry liability insurance in the amounts of $1,000,000.00 (one million) per person and $1,000,000.00 (one million) per occurrence naming the City of Ingleside as additional insured, insuring the League against liabilities and claims occurring during the term of this agreement and related to the use, occupancy, possession, maintenance or repair of the facilities by the League and by Little League Auxiliary and agrees to provide City with proof of such insurance coverage before the beginning of the season.

2. A listing of all coaches and assistant coaches who have successfully passed a background check administered by Little League Baseball and Softball, Inc or an approved agency that conducts background checks that is current within the current calendar year. The City of Ingleside requires any coach who coaches on their property to have successfully completed a background check. Failure to comply with this requirement constitutes a violation of this contract.

3. A season schedule of games and notify the Director of Infrastructure Services in written form (by e-mail) of any rescheduling of games by at least one entire business day prior to when the rescheduled game(s) is/are scheduled to be played. A schedule of league games must be received ten days prior to any league games being held. Practices may take place at the facility prior to the receipt of the schedule; however, no official games may be played until the schedule has been received.

4. There will be no subleasing of fields. All inquiries for subleasing of the fields must be referred to the City for approval or disapproval at the City's discretion.

5. The League must maintain its charter with the Little League Association. It must maintain its financial viability and must keep and maintain accurate, current financial records in accordance with sound accounting and financial management practices and must, on request of the City, make available to the City of inspection and copying all such records.

6. Any and all personal property remaining on the premises at the time of expiration of this contract will become the property of the City.

DRAFT

Miscellaneous

If, for any reason, any section, paragraph, subdivision, clause, phrase word or provision of this agreement shall be held invalid or unconstitutional by final judgement of a Court of competent jurisdiction, it shall not affect any other section, paragraph, subdivision, clause, phrase, word or provision of this contract, for it is the definite intent of the parties hereto that every section, paragraph , subdivision, clause, phrase, word and provision hereto be given full force and effect for its purpose.

Termination of Agreement

Notwithstanding any other provision of this Agreement the City of Ingleside and/or the Ingleside Little League may terminate the Agreement on a no-fault basis at any time by giving the other party 30 days' notice in writing. This Agreement constitutes the entire agreement between the City of Ingleside and the League. The League releases and agrees to indemnify and hold harmless the City of Ingleside, its employees, officers, and agents from any and all liability for any claim or claims as a result of the use of a City owned facility.

Any failure of the League to adhere to this contract after any violation have been reported by the City to the League, may result in this facility usage agreement being terminated immediately.

EXECUTED effective the _____ day of _____.

CITY OF INGLESIDE, TEXAS

_____

Pedro Oscar Adame, Mayor

CITY OF INGLESIDE, TEXAS

_____

Brenton B, Lewis, City Manager

ATTEST:

_____

Ruby Beaven, City Secretary

INGLESIDE LITTLE LEAGUE

Ingleside, Texas 78362

_____

Victor Moreno, President

DRAFT

CITY COUNCIL AGENDA
Amended Regular Meeting: March 12, 2024

AGENDA ITEM: 14

Deliberate and take appropriate action on an agreement between the City of Ingleside and the Ingleside Soccer League for the use of the soccer fields at N.O. Simmons Park.

SUBMITTED BY: Gary Paredez, Director of Infrastructure Services

APPROVED FOR AGENDA: Brenton Lewis, City Manager

BACKGROUND:

The Texas Coast Youth Soccer League has requested the use of the N.O. Simmons Park soccer fields for the period from February 9, 2024, to April 30, 2024. During this period, the soccer league will conduct its scheduled league play and practices on these fields. The City reserves the right to use the fields during the life of this contract for special city events, as long as they don't conflict with normal soccer league scheduled play and practices. A Special Use Permit will be issued individually for the use of the facility by other organizations.

FISCAL ANALYSIS:

N/A

RECOMMENDATION:

Staff recommends authorizing the Mayor and City Manager to execute the agreement on behalf of the City of Ingleside.

ATTACHMENTS:

1. Soccer Insurance
2. Soccer League Agreement

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 8/7/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME:	
LIC #40558248 Player's Health Cover USA Inc. 718 Washington Ave North #402 Minneapolis MN 55401	PHONE (A/C, No, Ext): 612-345-9683	FAX (A/C, No):
	E-MAIL ADDRESS: certificates@playershealth.com	
	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A: Everest National Insurance Company	10120
INSURED South Texas Youth Soccer Association 2851 Joe DiMaggio Blvd. #23 Round Rock TX 78665	INSURER B: Great American Insurance Company	16691
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** 60731 **REVISION NUMBER:** 1

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	[X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [ ] PRO-JECT [ ] LOC [X] OTHER: PER EVENT	Y		SI8ML03087-231	9/1/2023	9/1/2024	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG PARTICIPANT LEGAL LIAB	$ 1,000,000 $ 300,000 $ EXCLUDED $ 1,000,000 $ 5,000,000 $ 1,000,000 $ 1,000,000
A	AUTOMOBILE LIABILITY [ ] ANY AUTO [ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS [X] HIRED AUTOS ONLY [X] NON-OWNED AUTOS ONLY			SI8ML03087-231	9/1/2023	9/1/2024	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ 1,000,000 $ $ $
A	[ ] UMBRELLA LIAB [X] OCCUR [X] EXCESS LIAB [ ] CLAIMS-MADE DED [ ] RETENTION $ 0			SI8EX01762-231	9/1/2023	9/1/2024	EACH OCCURRENCE AGGREGATE	$ 5,000,000 $ 5,000,000
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N [ ] N/A If yes, describe under DESCRIPTION OF OPERATIONS below						PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ $ $
B	Accident Medical			E758907-02	9/1/2023	9/1/2024	PER INJURY LIMIT	$ 100,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Certificate issued for sanctioned acticivities of the state soccer association.
Certificate Holder is Additional Insured as required by written agreement per policy endorsement ECG 20 600 05 09. This certificate is issued on behalf of:
Texas Coast Youth Soccer League
2023-2024 Soccer Season

CERTIFICATE HOLDER

N. O. Simmons Park, City of Ingleside
2867 Avenue J
City of Ingleside TX 78362

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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FACILITY USAGE AGREEMENT
THE CITY OF INGLESIDE AND TEXAS COAST YOUTH SOCCER LEAGUE

The City of Ingleside grants: to the Texas Coast Soccer the use of city facilities described as the soccer fields, located at N.O. Simmons Park in Ingleside, TX for the following periods:

TERMS OF AGREEMENT: February 9, 2024, through April 30, 2024. At this contract's expiration, the League will vacate the premises entirely, including removing personal property from the concession stand.

For the remainder of this contract, the Texas Coast Youth Soccer League shall be referred to as "The League" and the City of Ingleside shall be referred to as "The City".

The League shall have exclusive use of said facilities during dates shown above. The League will not restrict public access to the park or the fields, nor charge a fee for public viewing of games, except tournaments. The City reserves the right to use the fields when no games or practices are scheduled for the length of this contract. The city will provide ample notice for use of the fields for special city events. The hours of operation of the League will be Monday through Friday from 4:00 p.m. until 10:00 p.m., Saturdays, from 8:00 a.m. until 10:00 p.m. and Sundays at any time when tournaments are scheduled between the hours of 8:00 a.m. and 9:00 p.m.

The City reserves the right to inspect the fields, restrooms, and facilities at any time.

The league will be responsible for the field's care and maintenance during the season. Field maintenance shall consist of, but not limited to:

- Preparation of fields for practice and game play. (chalk line, goal adjustments, etc.)

Improvements and Repairs:
The City agrees, at City expense, to provide adequate restroom facilities for the league use. The City will provide restrooms, and concession keys to the League, and the League agrees to lock the facilities at the close of each day's game. Keys must be returned within seven (7) days of the end of the contract. The league must leave a key deposit of $90 per key in the form of a check or money order.

Cleaning:
The League agrees to clear the fields and bleachers of trash and equipment following each game. Trash will be placed in trash cans which will be provided by the city. All paper products including but not limited to shall be furnished by the City. Paper products are defined as hand soap, toilet paper, paper towels, etc.

Additional Provisions:
The League shall provide items #1 and #2 to the City before the agreement is in effect and use of the facility is permitted. Item #3 must be received prior to league games being played at the facility. The league shall provide the following items to the City as a prerequisite for use of City facilities:

1. The League agrees to carry liability insurance in the amounts of $1,000,000.00 (one million) per person and $1,000,000.00 (one million) per occurrence naming the City of Ingleside as additional insured, insuring the League against liabilities and claims occurring during the term of this agreement and related to the use, occupancy, possession, maintenance or repair of the facilities by the League and by South Texas Youth Soccer Association and agrees to provide City with proof of such insurance coverage before the beginning of the season.

2. A listing of all coaches and assistant coaches who have successfully passed a background check by an approved agency that conducts background checks that is current within the current calendar year. The City of Ingleside requires any coach who coaches on their property to have successfully completed a background check. Failure to comply with this requirement constitutes a violation of this contract.

3. A season schedule of games and notify the Director of Infrastructure Services in written form (by e-mail) of any rescheduling of games by at least one entire business day prior to when the rescheduled game(s) is/are scheduled to be played. A schedule of league games must be received ten days prior to any league games being held. Practices may take place at the facility prior to the receipt of the schedule; however, no official games may be played until the schedule has been received.

4. There will be no subleasing of fields. All inquiries for subleasing of the fields must be referred to the City for approval or disapproval at the City's discretion.

5. The League must maintain its charter with the Texas Youth Soccer Association. It must maintain its financial viability and must keep and maintain accurate, current financial records in accordance with sound accounting and financial management practices and must, on request of the City, make available to the City of inspection and copying all such records.

6. Any and all personal property remaining on the premises at the time of expiration of this contract will become the property of the City.

Miscellaneous
If, for any reason, any section, paragraph, subdivision, clause, phrase word or provision of this agreement shall be held invalid or unconstitutional by final judgement of a Court of competent jurisdiction, it shall not affect any other section, paragraph, subdivision, clause, phrase, word or provision of this contract, for it is the definite intent of the parties hereto that every section, paragraph , subdivision, clause, phrase, word and provision hereto be given full force and effect for its purpose.

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Termination of Agreement

Notwithstanding any other provision of this Agreement the City of Ingleside and/or the Texas Coast Youth Soccer League may terminate the Agreement on a no-fault basis at any time by giving the other party 30 days' notice in writing. This Agreement constitutes the entire agreement between the City of Ingleside and the League. The League releases and agrees to indemnify and hold harmless the City of Ingleside, its employees, officers, and agents from any and all liability for any claim or claims as a result of the use of a City owned facility.

Any failure of the League to adhere to this contract after any violation has been reported by the City to the League may result in this facility usage agreement being terminated immediately.

EXECUTED effective the _____ day of _____.

CITY OF INGLESIDE, TEXAS

_____
Pedro Oscar Adame, Mayor

CITY OF INGLESIDE, TEXAS

_____
Brenton B, Lewis, City Manager

ATTEST:

_____
Ruby Beaven, City Secretary

TEXAS COAST YOUTH SOCCER LEAGUE
P.O. Box 24
Ingleside, Texas 78362

_____
Gerald Crain, President

DRAFT

CITY COUNCIL AGENDA
Amended Regular Meeting: March 12, 2024

AGENDA ITEM: 15

Deliberate and take appropriate action on an agreement between the City of Ingleside and the ~~Ingleside Softball Association~~ Mustang Infinite Softball for use of the Faith Park Baseball Complex.

SUBMITTED BY: Gary Paredez, Director of Infrastructure Services

APPROVED FOR AGENDA: Brenton Lewis, City Manager

BACKGROUND:

The ~~Ingleside Softball Association~~ Mustang Infinite Softball has requested the use of the Faith Park Baseball Complex for the period from March 1, 2024, to October 31, 2024. During this period, the ~~Ingleside Softball Association~~ Mustang Infinite Softball will conduct its scheduled play. The City reserves the right to use the fields during the life of this contract for special city events, as long as they don't conflict with normal ~~Ingleside Softball Association~~ Mustang Infinite Softball scheduled play. A Special Use Permit will be issued individually for the use of the facility by other organizations.

FISCAL ANALYSIS:

N/A

RECOMMENDATION:

Staff recommends authorizing the Mayor and City Manager to execute the agreement on behalf of the City.

ATTACHMENTS:

1. Softball Insurance Policy
2. Softball Agreement

ACORD™

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
03/08/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME: Desirae Bohannon	
Terry L Green & Associates 3100 Five Forks Trickum Road Ste 101 Lilburn, GA 30047	PHONE (A/C, No. Ext): (678) 205-8055	FAX (A/C, No): (678) 205-8045
	E-MAIL ADDRESS: desirae@AYSAA.com	

INSURED	INSURER(S) AFFORDING COVERAGE	NAIC #
Mustang Infinite Softball 2441 Fogg Ave Ingleside, AL 78362 A Member of the Sports, Leisure & Entertainment RPG	INSURER A: Nationwide Mutual Insurance Company	23787
	INSURER B:	
	INSURER C:	
	INSURER D:	

COVERAGES **CERTIFICATE NUMBER:** 4SBAL010530-2 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YY)	POLICY EXP (MM/DD/YY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY	X		6B RPG 00000078783-00	01/30/2024 12:01 AM	01/30/2025 12:01 AM	EACH OCCURRENCE	$1,000,000
	[ ] CLAIMS-MADE [X] OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$1,000,000
							MED EXP (Any one person)	$5,000
							PERSONAL & ADV INJURY	$1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$5,000,000
	[X] POLICY [ ] PROJECT [ ] LOC						PRODUCTS-COMP/OP AGG	$1,000,000
	[ ] OTHER						PROFESSIONAL LIABILITY	$1,000,000
							LEGAL LIAB TO PARTICIPANTS	$1,000,000
A	AUTOMOBILE LIABILITY			6B RPG 00000078783-00	01/30/2024 12:01 AM	01/30/2025 12:01 AM	COMBINED SINGLE LIMIT (Ea Accident)	$1,000,000
	[ ] ANY AUTO						BODILY INJURY (Per person)	
	[ ] ALL OWNED AUTOS [ ] SCHEDULED AUTOS						BODILY INJURY (Per accident)	
	[X] HIRED AUTOS [X] NON-OWNED AUTOS						PROPERTY DAMAGE (Per accident)	
	[X] Not provided while in Hawaii							
	[ ] UMBRELLA LIAB [ ] OCCUR						EACH OCCURRENCE	
	[ ] EXCESS LIAB [ ] CLAIMS-MADE						AGGREGATE	
	[ ] DED [ ] RETENTION							
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N ANY PROPRIETOR/PARTNER/ EXECUTIVE OFFICER/MEMBER EXCLUDED? [ ] (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N / A					[ ] PER STATUTE [ ] OTHER	
							E.L. EACH ACCIDENT	
							E.L. DISEASE – EA EMPLOYEE	
							E.L. DISEASE – POLICY LIMIT	
A	MEDICAL PAYMENTS FOR PARTICIPANTS			6B RPG 00000078783-00	01/30/2024 12:01 AM	01/30/2025 12:01 AM	PRIMARY MEDICAL	
							EXCESS MEDICAL	$25,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Legal Liability to Participants (LLP) limit is a per occurrence limit

Sport(s): Youth Softball Age(s): 13-15

The certificate holder is added as an additional insured, but only for liability caused, in whole or in part, by the acts or omissions of the named insured.

Membership ID: 4SBAL010530

CERTIFICATE HOLDER	CANCELLATION
Evidence of Coverage City of Ingleside 2671 San Angelo Ingleside , TX 78362	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Scott Tunnell

Coverage is only extended to U.S. events and activities.

** NOTICE TO TEXAS INSUREDS: The Insurer for the purchasing group may not be subject to all the insurance laws and regulations of the State of Texas.

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ACORD™ CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 03/08/2024

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PRODUCER	CONTACT NAME: Desirae Bohannon	
Terry L Green & Associates 3100 Five Forks Trickum Road Ste 101 Lilburn, GA 30047	PHONE (A/C, No. Ext): (678) 205-8055	FAX (A/C, No): (678) 205-8045
	E-MAIL ADDRESS: desirae@AYSAA.com	

INSURED	INSURER(S) AFFORDING COVERAGE	NAIC #
Mustang Infinite Softball 2441 Fogg Ave Ingleside, AL 78362 A Member of the Sports, Leisure & Entertainment RPG	INSURER A: Nationwide Mutual Insurance Company	23787
	INSURER B:	
	INSURER C:	
	INSURER D:	

COVERAGES **CERTIFICATE NUMBER:** 4SBAL010531-2 **REVISION NUMBER:**

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INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YY)	POLICY EXP (MM/DD/YY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: X POLICY PROJECT LOC OTHER	X		6B RPG 00000078783-00	01/30/2024 12:01 AM	01/30/2025 12:01 AM	EACH OCCURRENCE	$1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	$1,000,000
							MED EXP (Any one person)	$5,000
							PERSONAL & ADV INJURY	$1,000,000
							GENERAL AGGREGATE	$5,000,000
							PRODUCTS-COMP/OP AGG	$1,000,000
							PROFESSIONAL LIABILITY	$1,000,000
							LEGAL LIAB TO PARTICIPANTS	$1,000,000
A	AUTOMOBILE LIABILITY ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS X HIRED AUTOS X NON-OWNED AUTOS X Not provided while in Hawaii			6B RPG 00000078783-00	01/30/2024 12:01 AM	01/30/2025 12:01 AM	COMBINED SINGLE LIMIT (Ea Accident)	$1,000,000
							BODILY INJURY (Per person)	
							BODILY INJURY (Per accident)	
							PROPERTY DAMAGE (Per accident)	
	UMBRELLA LIAB OCCUR EXCESS LIAB CLAIMS-MADE DED RETENTION						EACH OCCURRENCE	
							AGGREGATE	
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N ANY PROPRIETOR/PARTNER/ EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N / A					PER STATUTE OTHER	
							E.L. EACH ACCIDENT	
							E.L. DISEASE – EA EMPLOYEE	
							E.L. DISEASE – POLICY LIMIT	
A	MEDICAL PAYMENTS FOR PARTICIPANTS			6B RPG 00000078783-00	01/30/2024 12:01 AM	01/30/2025 12:01 AM	PRIMARY MEDICAL	
							EXCESS MEDICAL	$25,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Legal Liability to Participants (LLP) limit is a per occurrence limit

Sport(s): Youth Softball Age(s): 12 and Under

The certificate holder is added as an additional insured, but only for liability caused, in whole or in part, by the acts or omissions of the named insured.

Membership ID: 4SBAL010531

CERTIFICATE HOLDER	CANCELLATION
Evidence of Coverage City of Ingleside 2671 San Angelo Ingleside , TX 78362	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Scott Turbeville

Coverage is only extended to U.S. events and activities.

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FACILITY USAGE AGREEMENT
THE CITY OF INGLESIDE AND MUSTANG INFINITE SOFTBALL

The City of Ingleside grants: to the Mustang Infinite Softball Association the use of city facilities described as the Faith Park Ballfields located at Faith Park in Ingleside, TX for the following periods:

TERMS OF AGREEMENT: March 1, 2024, through October 31st, 2024. At the expiration of this contract, the League will vacate the premises entirely, including the removal of personal property from the concession stand.

For the remainder of this contract the Mustang Infinite Softball shall be referred to as "The League" and the City of Ingleside shall be referred to as "The City".

The League shall have exclusive use of said facilities during dates shown above. The League will in no way restrict public access to the park or to the fields, nor charge a fee for public viewing of games. The City reserves the right to use the fields when no games or practices are scheduled for the length of this contract. The City will provide ample notice for use of the fields for special city events. The hours of operation of the League will be Monday through Friday from 4:00 p.m. until 10:00 p.m., Saturdays, from 8:00 a.m. until 10:00 p.m. and Sundays at any time when tournaments are scheduled between the hours of 8:00 a.m. and 9:00 p.m.

The City reserves the right to inspect the fields, restrooms, and facilities at any time.

The league will be responsible for the care and maintenance of the field during the season. Field maintenance shall consist of, but not limited to:

- Grade the infield so water drains off the field after rainfall.
- Regularly drag and rake the field to maintain the infield grade and prevent ruts and puddles from forming that could impede playability and present safety hazards.
- Clearly and thoroughly communicate proper baseball field care and etiquette to everyone using the field.
- Provide the soil with the nutrients it needs to stay healthy.
- Water the grass according to the soil's dryness and overall moisture retention.
- With every mow, ensure the grass maintains at least one-third of its growth to prevent decline.
- Schedule regular mowings so you can keep the baseball field grass at its desired height without removing more than one-third of its growth.
- Examine and maintain the baseball field before and after every use and ensure it isn't used when wet.

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- Perform general maintenance and repairs on structures around the field to ensure their proper function and safety for both spectators and participants, including fences, dugouts, bleachers, and other miscellaneous structures.

Outfield

- Ensure at least 75% of the field is covered with turfgrass.
- Check that there are no bare spots that leave hard soil exposed.
- Ensure no standing water is on the field.
- Make sure turfgrass has a uniform color, density, and height.
- Remove any burrs, thistles, and thorns.
- Fix any gopher holes, mounds, or ruts.
- Communicate the importance of caring for the outfield grass to coaches and parents.

Infield

- Ensure the clay is loose enough and not too coarse for safe sliding but not so loose that it impedes traction.
- Checking that the running paths are level and the bases; home plate and pitcher's rubber are securely anchored.
- Removing lip or soil buildup between the infield and outfield boundary.
- Ensuring the skinned area is dry – and if not, facilitating proper drainage.
- Postponing play if the soil sticks to your shoes.
- Making sure the pitcher's mound, batter's box, and home plate areas are in good condition and conform to league requirements.

No field maintenance equipment shall be visible while not in use. Any desired field alterations (baselines, chalking, pitcher's mound, and home plate), repairs or improvement beyond the normal routine maintenance must have prior written approval from the City's Director of Infrastructure and will be accomplished in accordance with all City ordinances and codes. The City will mow and edge the fence line inside and out, not the base paths the fields at a minimum once every two weeks. The League has permission to mow or trim the fields more often, if it so desires, if the mowing heights are approved by and scheduled with the Director of Infrastructure Services. The City agrees to maintain the fields during the time that a Facility Usage Agreement is not in effect with the League.

<u>Improvements and Repairs:</u>
Improvements made will become City property, unless otherwise agreed to in writing with the approval of the City Manager. No improvements may be removed without prior written approval from the Director of Director of Infrastructure Services. Examples of improvements include, but are not limited to the following: lights, light poles, light fixtures, scoreboards, and associated control boxes, bleachers, and fencing.

The City agrees, at City expense, to provide adequate restroom facilities for the league use. The City will provide restrooms, lighting, gate facility keys, and concession keys to the League, and the League agrees to lock the facilities at the close of each day's game. Keys must be returned within seven (7) days of the end of the contract. The league must leave a key deposit of $90 per key in the form of a check or money order.

Cleaning:
The League agrees to clear the fields, restrooms, and bleachers of trash and equipment following each game. Trash will be placed in trash cans which will be provided by the City. All paper products including but not limited to shall be furnished by the League. Paper products are defined as hand soap, toilet paper, paper towels, etc.

Additional Provisions:
The League shall provide items #1 and #2 to the City before the agreement is in effect and use of the facility is permitted. Item #3 must be received prior to league games being played at the facility. The league shall provide the following items to the City as a prerequisite for use of City facilities:

1. The League agrees to carry liability insurance in the amounts of $1,000,000.00 (one million) per person and $1,000,000.00 (one million) per occurrence naming the City of Ingleside as additional insured, insuring the League against liabilities and claims occurring during the term of this agreement and related to the use, occupancy, possession, maintenance or repair of the facilities by the League and by the League Auxiliary and agrees to provide City with proof of such insurance coverage before the beginning of the season.

2. A listing of all coaches and assistant coaches who have successfully passed a background check administered by Little League Baseball and Softball, Inc or an approved agency that conducts background checks that is current within the current calendar year. The City of Ingleside requires any coach who coaches on their property to have successfully completed a background check. Failure to comply with this requirement constitutes a violation of this contract.

3. A season schedule of games and notify the Director of Director of Infrastructure Services. in written form (by e-mail) of any rescheduling of games by at least one entire business day prior to when the rescheduled game(s) is/are scheduled to be played. A schedule of league games must be received ten days prior to any league games being held. Practices may take place at the facility prior to the receipt of the schedule; however, no official games may be played until the schedule has been received.

4. There will be no subleasing of fields. All inquiries for subleasing of the fields must be referred to the City for approval or disapproval at the City's discretion.

5. The City owned fields shall not be used for financial gain.

6. It must maintain its financial viability and must keep and maintain accurate, current financial records in accordance with sound accounting and financial management practices and must, on request of the City, make available to the City of inspection and copying all such records.

7. Any and all personal property remaining on the premises at the time of expiration of this contract will become the property of the City.

DRAFT

Miscellaneous

If, for any reason, any section, paragraph, subdivision, clause, phrase word or provision of this agreement shall be held invalid or unconstitutional by final judgement of a Court of competent jurisdiction, it shall not affect any other section, paragraph, subdivision, clause, phrase, word or provision of this contract, for it is the definite intent of the parties hereto that every section, paragraph , subdivision, clause, phrase, word and provision hereto be given full force and effect for its purpose.

Termination of Agreement

Notwithstanding any other provision of this Agreement the City of Ingleside and/or the Mustang Infinite Softball may terminate the Agreement on a no-fault basis at any time by giving the other party 30 days' notice in writing. This Agreement constitutes the entire agreement between the City of Ingleside and the League. The League releases and agrees to indemnify and hold harmless the City of Ingleside, its employees, officers, and agents from any and all liability for any claim or claims as a result of the use of a City owned facility.

Any failure of the League to adhere to this contract after any violation have been reported by the City to the League, may result in this facility usage agreement being terminated immediately.

EXECUTED effective the _____ day of _____.

CITY OF INGLESIDE, TEXAS

_____

Pedro Oscar Adame, Mayor

CITY OF INGLESIDE, TEXAS

_____

Brenton B, Lewis, City Manager

ATTEST:

_____

Ruby Beaven, City Secretary

INGLESIDE LITTLE LEAGUE

Ingleside, Texas 78362

_____

Abel Salazar, President

DRAFT

CITY COUNCIL AGENDA
Amended Regular Meeting: March 12, 2024

AGENDA ITEM: 16

Deliberate and take appropriate action on the final change order for the Houghton Drainage Improvements Project.

SUBMITTED BY: Gary Paredez, Director of Infrastructure Services

APPROVED FOR AGENDA: Brenton Lewis, City Manager

BACKGROUND:

Hanson Professional Services was the engineering firm selected to design, bid and administer the contract for the Houghton Drainage improvements. Fox Construction Inc. was the contractor selected to do this project. The contract was awarded to Fox on May 26, 2023, for the amount of $3,345,710.00. The contract gave 270 calendar days to be completed. Substantial completion was successfully met by March 4, 2024.

This project reached a substantial completion status on March 4, 2024. On that day, a walk through was performed on this project to establish a punch list to address any deficiencies found in the work. A total of 10 items were addressed on this punch list and submitted to the contractor for remediation. The contractor worked to correct these deficiencies in a timely manner.

Staff has attached a copy of the final change order for Council review.

FISCAL ANALYSIS:

On March 11, 2024, a final walk through was performed to analyze whether the corrections needed were in fact made. The walk through produced satisfactory corrections that had been made. The time has come to start the close out process for this project. To close this project, a change order is generated to reconcile the dollar amounts. This change order will result in a ($18,854.50) return of funds to the budget.

RECOMMENDATION:

Staff recommends approval of this change order.

ATTACHMENTS:

1. Construction Contract Change Order_3

COMMUNITY DEVELOPMENT & REVITALIZATION
The Texas General Land Office
Construction Change Order Request

NOTE: Texas Local Government Code Sec. 262.031 "CHANGES IN PLANS AND SPECIFICATIONS" regulations apply. Generally, a cumulative increase in the contract price in excess of 25% or a cumulative decrease in excess of 18% are disallowed.

Subrecipient:	City of Ingleside	GLO Contract Number:	20-065-086-C247	Date:	3/7/2024

Engineer Name Address & Phone	Subrecipient Name, Address, & Phone Number:	Contractor Name, Address & Phone Number:
Hanson Professional Services 4501 Gollihar Road Corpus Christi, Texas 78411	City of Ingleside 2671 San Angelo Street Ingleside, Texas 78362	J.J. Fox Construction. Inc. P.O. Box 2708 Rockport, Texas 78381

Project #:	18I 0321	Bid Package #:	1	Change Order #:	3
Contract Origination Date:	4/21/2023	Project Description:	Drainage Improvements		

You are hereby requested to comply with the following changes from the contract plans and specifications.

Item No.	Description of Changes: Quantities, Units, Unit Prices, Change in Completion Schedule etc	Decrease in Contract Price	Increase in Contract Price
1	The City provided the guard rail materials for the installation along the concrete channel resulting in a deduction of $9,131.50 from the previously approved change order no. 2.	$ (9,131.50)	
2	Reconcilled Base Bid quantities: Item 22 - Pavement Repair: Deduct of 4,200 SF at $5/SF. Item 24 - Demolition of Concrete Driveways: Increase of 823 SF at $5/SF. Item 25 - Demolition of Asphalt Driveways: Deduct of 159 SF at $6/SF. Item 28 - Curb and Gutter Removal: Deduct of 28 LF at $15/LF. Item 33 - New Caliche Driveway: Increase of 2,988 SF at $4/SF. Item 35 - New Concrete Driveways: Deduct of 678 SF at $12/SF	$ (14,443.00)	
3	Reconcilled Additive Alternate Bid quantities: Item A14 - New Concrete Driveways: Deduct of 200 SF at $15/SF	$ (3,000.00)	
4	Drainage Adjustments due to unforseen site conditions. A cast in place junction box is needed near the intersection of Coach Emory Bellard and Main to accommodate an underground stormsewer discovered during construction. A pvc pipe exention is needed at the corner of Waco and Baumont to promote positive drainage into the drainage ditch along Waco Street.		$ 7,720.00

See sheet 2 to add additional entries

Change in Construction Contract Price

Original Contract Price:	$	3,345,710.00
Cumulative Previous Change Order(s) Total:	$	64,630.00
Contract Price Prior to this Change Order:	$	3,410,340.00
Net ~~Increase~~/Decrease of this Change Order:	$	(18,854.50)

Change in Contract Time (Calendar Days)

Original Contract Time in Days:	270
Net Change from Previous Change Order(s) in Days	0
Contract Time Prior to this Change Order in Days	270
Net Increase/Decrease of this Change Order in Days:	7

COMMUNITY DEVELOPMENT & REVITALIZATION
The Texas General Land Office
Construction Change Order Request

Contract Price with All Approved Change Orders:	$ 3,391,485.50	Contract Time with All Approved Change Orders in Days:	277
Cumulative Percent Change in Contract Price (+/-)	0.55%	Subrecipient Contract End Date:	3/7/2024

Construction Contract Start Date:	6/5/2023	Construction Contract End Date:	3/1/2024

Reimbursements of costs included in this change order are subject to review by GLO-CDR.

***This document may be executed prior to submission for GLO-CDR review, but all parties involved will be held responsible if the change order or amendment warranted as a result of this change order is not in compliance with CDBG or HUD Requiremements**

		Tommy Fox
Subrecipient Signature	Engineer Signature	Contractor Signature
		Tommy Fox, President
Subrecipient Name and Title (Printed)	Engineer Name and Title (Printed)	Contractor Name and Title (Printed)
Subrecipient Signature	Engineer Signature	Contractor Signature

Justification for Change Order

1. Will this change order increase or decrease the number of beneficiaries?	Increase	Decrease	**No Change**
If there is a change, how many beneficiaries will be affected?	Total		LMI
2. Effect of this change on the scope of work:	**Increase**	Decrease	No Change
3. Effect on operation and maintenance costs:	Increase	Decrease	**No Change**
4. Are all prices in the change order dependent upon unit prices found in the original bid?	Yes	**No**	

If "no", explain:

The contract included pre-cast concrete junction boxes, however the proposed junction needs to be cast in place due the elevations of the uncovered stormwater lines.

5. Has the change created new circumstances or environmental conditions which may affect the project's impact, such as concealed or unexpected conditions discovered during actual construction?	Yes	**No**

If "yes", is an environmental assessment required?

COMMUNITY DEVELOPMENT & REVITALIZATION
The Texas General Land Office
Construction Change Order Request

6. Is the Texas Council on Environmental Quality (TCEQ) clearance still valid (if applicable)?	**Yes**	No
7. Is the CCN permit still valid? (*sewer projects only*)	Yes	No
8. Are the disability access requirements/approval still valid (if applicable)?	Yes	No
9. Are other Disaster Recovery contractural special condition clearances still valid?	**Yes**	No

If "no", explain:

Disclaimer: *The Texas General Land Office has made every effort to ensure the information contained on this form is accurate and in compliance with the most up-to-date CDBG-DR and/or CDBG-MIT federal rules and regulations, as applicable. It should be noted that the Texas General Land Office assumes no liability or responsibility for any error or omission on this form that may result from the interim period between the publication of amended and/or revised federal rules and regulations and the Texas General Land Office's standard review and update schedule.*

CITY COUNCIL AGENDA
Amended Regular Meeting: March 12, 2024

AGENDA ITEM: 17

Deliberate and take appropriate action on the final pay application for the Houghton Drainage Improvements Project.

SUBMITTED BY: Gary Paredez, Director of Infrastructure Services

APPROVED FOR AGENDA: Brenton Lewis, City Manager

BACKGROUND:

Hanson Professional Services was the engineering firm selected to design, bid and administer the contract for the Houghton Drainage improvements. Fox Construction Inc. was the contractor selected to do this project. The contract was awarded to Fox on May 26, 2023, in the amount of $3,345,710.00. The contract gave 270 calendar days to be completed. Substantial completion was successfully met by March 4, 2024.

This project reached a substantial completion status on March 4, 2024. On that day, a walk through was performed on this project to establish a punch list to address any deficiencies found in the work. A total of 10 items were addressed on this punch list and submitted to the contractor for remediation. The contractor worked to correct these deficiencies in a timely manner.

Staff has attached a copy of the final pay application for Council information.

FISCAL ANALYSIS:

The original contract entered into with J.J. Fox Construction Inc on May 6, 2023, for the amount of $3,345,710.00 has been completed. There is one final payment in the amount of $329,956.85, which is reflected in pay application No.5 attached. After this pay application is paid, the retainage in the amount of $183,440.00 remains. This reflects the entire project, a total cost of $3,391,485.50, which is the net amount of the original contract plus the two Change Orders previously presented to City Council.

RECOMMENDATION:

Staff recommends approval of pay application No.5 and pay application No.6 attached.

ATTACHMENTS:

1. Houghton AOBP
2. Houghton Improvements Pay Estimate No. 6
3. Houghton Improvements Pay Estimate No. 5

HANSON PROFESSIONAL SERVICES
TBPE F#417
AFFIDAVIT OF BILLS PAID

Project Title: Houghton Drainage Improvements	
Owner: City of Ingleside	
Owner's Project No.: 20-065-086-C247	Project No.: 18L0321

STATE OF Texas §

COUNTY OF San Patricio §

Before me, the undersigned authority, on this date personally appeared

Tommy Fox (Name), President (Title)

Who being by me first duly sworn, an oath says: My name is Tommy Fox. I am a representative of J.J. Fox Construction Inc., and authorized to make this affidavit that the contract for the construction of the project designated as **Houghton Drainage Improvements** has been satisfactorily completed; and that all bills for materials, apparatus, fixtures, machinery, labor, and subcontracting in connection with the construction of the above project, have been fully paid.

Signature: _____
Contractor

Title: President

SWORN TO AND SUBSCRIBED BEFORE ME

this 8th day of March, 2024.

Notary Public in and for San Patricio County, State of Texas.

My Commission expires on ; 08/08/2024

JACK ANTES III
Notary Public, State of Texas
My Comm. Exp. 08-08-2025
ID No. 129518440

ESTIMATE FOR PARTIAL PAYMENT
Document Summary Sheet

OWNER:
City of Ingleside

PROJECT TITLE:
Houghton Drainage Improvements

APPLICATION No: 6
SERVICE DATES 1/0/1900
DATE: 3/12/2024

CONTRACTOR:
J.J. Fox Construction Inc.

ENGINEER:
Hanson Professional Services

CONTRACT INFORMATION

Contract Date:	4/21/2023	Original Contract Time:	270
Notice to Proceed:	6/5/2023	Approved Extensions:	7
Current Completion Date:	3/1/2024	Total Contract Time:	277
Percentage Complete		Days Used to Date:	270
By Time: 97%	In Place: 100%	Days Remaining to Date:	7

CONTRACT FOR: Houghton Drainage Improvements
GLO Contract No. 20-065-086-C247

CONTRACTOR'S APPLIACTION FOR PAYMENT
Application is made for payment, as shown below, in connection with the Contract. Continuation sheet is attached.

1.	Original Contract Sum	$ 3,345,710.00
2.	New change by change orders	$ 45,775.50
3.	Contract sum to date (line 1+2)	$ 3,391,485.50
4.	Materials Stored at Close of Period (Schedule Must be Attached)	$ (842,555.92)
5.	Amount of Change Order Items Completed to Date	$ 45,775.50
6.	Total complete and stored to date (Column F on detail sheet + Line 4 + Line 5)	$ 3,391,485.50
7.	Retainage: a. 0% of completed and stored to date:	$ -
8.	Total earned less retainage (Line 6 less Line 7)	$ 3,391,485.50
9.	Total Payments Previously Authorized (Line 8 from prior certificate)	$ 3,208,045.50
10.	Current payment due:	$ 183,440.00
11.	Balance to finish, including retainage (Line 3 less Line 8)	$ -

12. Approved Change Orders

No.	Date	Add. Days	Amount
1	10/18/2023	0	$ (5,850.00)
2	10/18/2023	0	$ 70,480.00
3	3/12/2024	7	$ (18,854.50)
	Totals	7	$ 45,775.50

CERTIFICATE FOR PAYMENT

AMOUT CERTIFIED: $ 183,440.00

CONTRACTOR: J. J. Fox Construction, Inc.

By: Tommy Fox Date: 3/8/2024

CERTIFICATION OF CONTRACTOR: According to the best of my knowledge and belief, I certify that all items and amounts shown on the face of this Estimate For Partial Payment are correct, that all work has been performed and/or material supplied in full accordance with the requirements of the referenced Contract, and/or duly authorized deviations, substitutions, alterations, and/or additions, that the foregoing is a true and correct statement of the Contract account up to and including the last day of the period covered by this Estimate and that no part of the "Balance Due This Payment" has been received.

ENGINEER: Hanson Professional Services

By: _____ Date: _____

CERTIFICATION OF ENGINEER: I certify that I have checked and verified the above and foregoing Estimate for Partial Payment, and that to the best of my knowledge and belief it is a true and correct statement of work performed and/or material supplied by the Contractor, and that partial payment claimed and requested by the Contractor is correctly computed on the basis of work performed and/or material supplied to this date.

OWNER: City of Ingleside

By: _____ Date: _____

APPROVAL FOR PAYMENT: This Estimate for Partial Payment is approved for payment. This certificate is not negotiable. The amount certified is payable only to the contract named herein. Issuance, payment and acceptance of payment are without prejudice to the rights of the Owner or Contractor under this Contract.

Document SUMMARY SHEET, APPLICATION AND CERTIFICATE FOR PAYMENT,
containing Contractor's signed Certification is attached

APPLICATION NO. 6
SERIVCE DATES
DATE OF ESTIMATE 3/12/2024

ORIGINAL CONTACT WORK / BASE BID SCHEDULE OF VALUES

A	B	C				D		E		F		G
ITEM NO.	DESCRIPTION	SCHEDULED VALUE				WORK COMPLETED THIS PERIOD		WORK COMPLETED PREVIOUS PERIOD		WORK COMPLETED TO DATE		%(E/C)
		BID QTY	UNIT	UNIT PRICE	TOTAL AMOUNT	QTY	TOTAL	QTY	TOTAL	QTY	TOTAL	
GENERAL												
1	Mobilization (5% Max. of Construction Cost)	1	LS	$ 90,000.00	$ 90,000.00	0	$ -	1	$ 90,000.00	1	$ 90,000.00	100%
2	Bonds and Insurance	1	LS	$ 60,000.00	$ 60,000.00	0	$ -	1	$ 60,000.00	1	$ 60,000.00	100%
3	Seeding	1	LS	$ 20,000.00	$ 20,000.00	0	$ -	1	$ 20,000.00	1	$ 20,000.00	100%
4	Site Clearing, Stripping and Rough Grading	1	LS	$ 20,000.00	$ 20,000.00	0	$ -	1	$ 20,000.00	1	$ 20,000.00	100%
5	Stormwater Pollution Prevention Plan	1	LS	$ 10,000.00	$ 10,000.00	0	$ -	1	$ 10,000.00	1	$ 10,000.00	100%
6	Traffic Control	1	LS	$ 15,000.00	$ 15,000.00	0	$ -	1	$ 15,000.00	1	$ 15,000.00	100%
7	GLO Required Signage	1	LS	$ 3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
DRAINAGE IMPROVEMENTS												
8	Ditch Grading and Regrading	5,482	LF	$20.00	$ 109,640.00	0	$ -	5482	$ 109,640.00	5482	$ 109,640.00	100%
9	Concrete Lined Channel	740	CY	$1,150.00	$ 851,000.00	0	$ -	740	$ 851,000.00	740	$ 851,000.00	100%
10	18" RCP	113	LF	$115.00	$ 12,995.00	0	$ -	113	$ 12,995.00	113	$ 12,995.00	100%
11	15" RCP	906	LF	$105.00	$ 95,130.00	0	$ -	906	$ 95,130.00	906	$ 95,130.00	100%
12	12" RCP	190	LF	$100.00	$ 19,000.00	0	$ -	190	$ 19,000.00	190	$ 19,000.00	100%
13	6'x3' Box Culvert	1,900	LF	$650.00	$ 1,235,000.00	0	$ -	1900	$ 1,235,000.00	1900	$ 1,235,000.00	100%
14	Trench Excavation Protection	1,900	LF	$4.00	$ 7,600.00	0	$ -	1900	$ 7,600.00	1900	$ 7,600.00	100%
15	Headwalls/SET 18" RCP	3	EA	$1,200.00	$ 3,600.00	0	$ -	3	$ 3,600.00	3	$ 3,600.00	100%
16	Headwalls/SET 15" RCP	16	EA	$1,200.00	$ 19,200.00	0	$ -	16	$ 19,200.00	16	$ 19,200.00	100%
17	Headwalls/SET 12" RCP	2	EA	$1,000.00	$ 2,000.00	0	$ -	2	$ 2,000.00	2	$ 2,000.00	100%
18	Concrete Riprap	12	CY	$100.00	$ 1,200.00	0	$ -	12	$ 1,200.00	12	$ 1,200.00	100%
19	Riser Manholes	3	EA	$2,000.00	$ 6,000.00	0	$ -	3	$ 6,000.00	3	$ 6,000.00	100%
20	Grate Inlets	14	EA	$3,200.00	$ 44,800.00	0	$ -	14	$ 44,800.00	14	$ 44,800.00	100%
21	Special Junction Boxes	7	EA	$12,500.00	$ 87,500.00	0	$ -	7	$ 87,500.00	7	$ 87,500.00	100%
22	Pavement Repair	18,081	SF	$5.00	$ 90,405.00	0	$ -	18081	$ 90,405.00	18081	$ 90,405.00	100%
23	Demolition of Caliche Driveways	6,129	SF	$3.00	$ 18,387.00	0	$ -	6129	$ 18,387.00	6129	$ 18,387.00	100%
24	Demolition of Concrete Driveways	1,888	SF	$5.00	$ 9,440.00	0	$ -	1888	$ 9,440.00	1888	$ 9,440.00	100%
25	Demolition of Asphalt Driveways	308	SF	$6.00	$ 1,848.00	0	$ -	308	$ 1,848.00	308	$ 1,848.00	100%
26	Storm Pipe Removal	871	LF	$20.00	$ 17,420.00	0	$ -	871	$ 17,420.00	871	$ 17,420.00	100%
27	Inlet Removal	1	EA	$1,000.00	$ 1,000.00	0	$ -	1	$ 1,000.00	1	$ 1,000.00	100%
28	Curb and Gutter Removal	28	LF	$15.00	$ 420.00	0	$ -	28	$ 420.00	28	$ 420.00	100%
29	Manhole Removal	1	EA	$1,000.00	$ 1,000.00	0	$ -	1	$ 1,000.00	1	$ 1,000.00	100%
30	Connect to Existing Storm Box	1	EA	$5,000.00	$ 5,000.00	0	$ -	1	$ 5,000.00	1	$ 5,000.00	100%
31	Storm Box End Cap	1	EA	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
32	Move Mailbox	4	EA	$200.00	$ 800.00	0	$ -	4	$ 800.00	4	$ 800.00	100%
33	New Caliche Driveway	3,141	SF	$4.00	$ 12,564.00	0	$ -	3141	$ 12,564.00	3141	$ 12,564.00	100%
34	New Asphalt Driveways	149	SF	$6.00	$ 894.00	0	$ -	149	$ 894.00	149	$ 894.00	100%
35	New Concrete Driveways	3,389	SF	$12.00	$ 40,668.00	0	$ -	3389	$ 40,668.00	3389	$ 40,668.00	100%
36	Structural Design for Concrete Channel Tie In	1	EA	$15,000.00	$ 15,000.00	0	$ -	1	$ 15,000.00	1	$ 15,000.00	100%

UTILITY IMPROVEMENTS												
37	Existing Sewer Lateral to be Abandoned and Filled	215	LF	$20.00	$ 4,300.00	0	$ -	215	$ 4,300.00	215	$ 4,300.00	100%
38	4" PVC (SCH40) Sewer Lateral	391	LF	$40.00	$ 15,640.00	0	$ -	391	$ 15,640.00	391	$ 15,640.00	100%
39	6" PVC (SCH40) Sewer Lateral	52	LF	$45.00	$ 2,340.00	0	$ -	52	$ 2,340.00	52	$ 2,340.00	100%
40	Connection to Existing Sewer Lateral	4	EA	$300.00	$ 1,200.00	0	$ -	4	$ 1,200.00	4	$ 1,200.00	100%
41	4" Cleanout	3	EA	$500.00	$ 1,500.00	0	$ -	3	$ 1,500.00	3	$ 1,500.00	100%
42	6" Cleanout	2	EA	$600.00	$ 1,200.00	0	$ -	2	$ 1,200.00	2	$ 1,200.00	100%
43	Trench Safety	443	LF	$4.00	$ 1,772.00	0	$ -	443	$ 1,772.00	443	$ 1,772.00	100%
44	Water Service Line Adjustment	10	EA	$1,500.00	$ 15,000.00	0	$ -	10	$ 15,000.00	10	$ 15,000.00	100%
45	Gas Service Line Adjustment	10	EA	$4,000.00	$ 40,000.00	0	$ -	10	$ 40,000.00	10	$ 40,000.00	100%
46	Existing Waterline Adjustment at Approximately Sta. 1+11	1	LS	$12,000.00	$ 12,000.00	0	$ -	1	$ 12,000.00	1	$ 12,000.00	100%
47	Existing Waterline Adjustment at Approximately Sta. 8+15	1	LS	$11,000.00	$ 11,000.00	0	$ -	1	$ 11,000.00	1	$ 11,000.00	100%
48	Existing Waterline Adjustment at Approximately Sta. 9+30	1	LS	$12,000.00	$ 12,000.00	0	$ -	1	$ 12,000.00	1	$ 12,000.00	100%
49	Existing Waterline Adjustment at Approximately Sta. 14+29	1	LS	$12,000.00	$ 12,000.00	0	$ -	1	$ 12,000.00	1	$ 12,000.00	100%
50	Existing Waterline Adjustment at Approximately Sta. 14+72	1	LS	$12,000.00	$ 12,000.00	0	$ -	1	$ 12,000.00	1	$ 12,000.00	100%
51	Existing Waterline Adjustment at Approximately Sta. 17+89	1	LS	$12,000.00	$ 12,000.00	0	$ -	1	$ 12,000.00	1	$ 12,000.00	100%
52	Existing Waterline Adjustment at Approximately Sta. 19+64	1	LS	$12,000.00	$ 12,000.00	0	$ -	1	$ 12,000.00	1	$ 12,000.00	100%
53	Utility Exploration Site #1	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
54	Utility Exploration Site #2	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
55	Utility Exploration Site #3	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
56	Utility Exploration Site #4	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
57	Utility Exploration Site #5	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
58	Utility Exploration Site #6	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
59	Utility Exploration Site #7	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
60	Utility Exploration Site #8	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
61	Utility Exploration Site #9	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
62	Utility Exploration Site #10	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
63	Utility Exploration Site #11	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
64	Utility Exploration Site #12	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
65	Utility Exploration Site #13	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
66	Utility Exploration Site #14	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
67	Utility Exploration Site #15	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
68	Utility Exploration Site #16	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
69	Utility Exploration Site #17	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
70	Utility Exploration Site #25	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
71	Utility Exploration Site #26	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
72	Utility Exploration Site #27	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
73	Utility Exploration Site #28	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
	BASE BID TOTALS				**$ 3,159,463.00**		**$ -**		**$ 3,159,463.00**		**$ 3,159,463.00**	100%

ADDITIVE ALTERNATE CONTACT WORK / SCHEDULE OF VALUES

GENERAL												
A1	Seeding	1	LS	$7,500.00	$ 7,500.00	0	$ -	1	$ 7,500.00	1	$ 7,500.00	100%
A2	Storm Water Pollution Prevention	1	LS	$10,000.00	$ 10,000.00	0	$ -	1	$ 10,000.00	1	$ 10,000.00	100%
A3	Traffic Control	1	LS	$5,000.00	$ 5,000.00	0	$ -	1	$ 5,000.00	1	$ 5,000.00	100%
DRAINAGE IMPROVEMENTS												
A4	Ditch Grading and Regrading	1,668	LF	$20.00	$ 33,360.00	0	$ -	1668	$ 33,360.00	1668	$ 33,360.00	100%
A5	18" RCP	320	LF	$115.00	$ 36,800.00	0	$ -	320	$ 36,800.00	320	$ 36,800.00	100%
A6	15" RCP	197	LF	$105.00	$ 20,685.00	0	$ -	197	$ 20,685.00	197	$ 20,685.00	100%
A7	12" RCP	15	LF	$100.00	$ 1,500.00	0	$ -	15	$ 1,500.00	15	$ 1,500.00	100%
A8	Headwalls/SET 18" RCP	4	EA	$1,200.00	$ 4,800.00	0	$ -	4	$ 4,800.00	4	$ 4,800.00	100%
A9	Pavement Repair	700	SF	$5.00	$ 3,500.00	0	$ -	700	$ 3,500.00	700	$ 3,500.00	100%
A10	Demolition of Caliche Driveways	3,232	SF	$5.00	$ 16,160.00	0	$ -	3232	$ 16,160.00	3232	$ 16,160.00	100%
A11	Demolition of Asphalt Driveways	221	SF	$6.00	$ 1,326.00	0	$ -	221	$ 1,326.00	221	$ 1,326.00	100%
A12	Storm Pipe Removal	322	LF	$20.00	$ 6,440.00	0	$ -	322	$ 6,440.00	322	$ 6,440.00	100%
A13	New Caliche Driveways	3,119	SF	$4.00	$ 12,476.00	0	$ -	3119	$ 12,476.00	3119	$ 12,476.00	100%
A14	New Concrete Drivewys	380	SF	$15.00	$ 5,700.00	0	$ -	380	$ 5,700.00	380	$ 5,700.00	100%
UTILITY IMPROVEMENTS												
A15	Utility Exploration Site #18	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
A16	Utility Exploration Site #19	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
A17	Utility Exploration Site #20	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
A18	Utility Exploration Site #21	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
A19	Utility Exploration Site #22	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
A20	Utility Exploration Site #23	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
A21	Utility Exploration Site #24	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
	ADDITIVE ALTERNATE BID TOTALS				**$ 186,247.00**		**$ -**		**$ 186,247.00**		**$ 186,247.00**	**100%**
	BASE BID + ADDITIVE ALTERNATE BID TOTALS				**$ 3,345,710.00**		**$ -**		**$ 3,345,710.00**		**$ 3,345,710.00**	**100%**

CHANGE ORDERS												
CO1	Pool Drain Adjustments	1	LS	-$5,850.00	$ (5,850.00)	0	$ -	1	$ (5,850.00)	1	$ (5,850.00)	100%
CO2	Fence Removal & Guard Rail Install	1	LS	$70,480.00	$ 70,480.00	0	$ -	1	$ 70,480.00	1	$ 70,480.00	100%
CO3	Final Change Order	1	LS	-$18,854.50	$ (18,854.50)	1	$ (18,854.50)	0	$ -	1	$ (18,854.50)	100%
	CHANGE ORDER TOTALS				**$ 45,775.50**		**$ (18,854.50)**		**$ 64,630.00**		**$ 45,775.50**	**100%**

	BASE BID + ADDITIVE ALTERNATE BID + CHANGE ORDERS TOTALS				**$ 3,391,485.50**		**$ (18,854.50)**		**$ 3,410,340.00**		**$ 3,391,485.50**	**100%**

ESTIMATE FOR PARTIAL PAYMENT
Document Summary Sheet

OWNER:
City of Ingleside

PROJECT TITLE:
Houghton Drainage Improvements

APPLICATION No: 5
SERVICE DATES 1/27/24 thru 2/29/24
DATE: 3/1/2024

CONTRACTOR:
J.J. Fox Construction Inc.

ENGINEER:
Hanson Professional Services

CONTRACT INFORMATION

Contract Date:	4/21/2023	Original Contract Time:	270
Notice to Proceed:	6/5/2023	Approved Extensions:	0
Current Completion Date:	3/1/2024	Total Contract Time:	270
Percentage Complete		Days Used to Date:	270
By Time: 100%	In Place: 99%	Days Remaining to Date:	0

CONTRACT FOR: Houghton Drainage Improvements
GLO Contract No. 20-065-086-C247

CONTRACTOR'S APPLIACTION FOR PAYMENT
Application is made for payment, as shown below, in connection with the Contract. Continuation sheet is attached.

1.	Original Contract Sum		$ 3,345,710.00
2.	New change by change orders		$ 64,630.00
3.	Contract sum to date (line 1+2)		$ 3,410,340.00
4.	Materials Stored at Close of Period (Schedule Must be Attached)		$ (842,555.92)
5.	Amount of Change Order Items Completed to Date		$ 64,630.00
6.	Total complete and stored to date (Column F on detail sheet + Line 4 + Line 5)		$ 3,376,890.00
7.	Retainage: a. 5% of completed and stored to date:	$ 168,844.50	
8.	Total earned less retainage (Line 6 less Line 7)		$ 3,208,045.50
9.	Total Payments Previously Authorized (Line 8 from prior certificate)		$ 2,878,088.65
10.	Current payment due:		$ 329,956.85
11.	Balance to finish, including retainage (Line 3 less Line 8)		$ 202,294.50

12. Approved Change Orders

No.	Date	Add. Days	Amount
1	10/18/2023	0	$ (5,850.00)
2	10/18/2023	0	$ 70,480.00
	Totals	0	$ 64,630.00

CERTIFICATE FOR PAYMENT

AMOUT CERTIFIED: $ 329,956.85

CONTRACTOR: Fox Construction

By: Tommy Fox Date: 3/8/2024

CERTIFICATION OF CONTRACTOR: According to the best of my knowledge and belief, I certify that all items and amounts shown on the face of this Estimate For Partial Payment are correct, that all work has been performed and/or material supplied in full accordance with the requirements of the referenced Contract, and/or duly authorized deviations, substitutions, alterations, and/or additions, that the foregoing is a true and correct statement of the Contract account up to and including the last day of the period covered by this Estimate and that no part of the "Balance Due This Payment" has been received.

ENGINEER: Hanson Professional Services

By: Date:

CERTIFICATION OF ENGINEER: I certify that I have checked and verified the above and foregoing Estimate for Partial Payment, and that to the best of my knowledge and belief it is a true and correct statement of work performed and/or material supplied by the Contractor, and that partial payment claimed and requested by the Contractor is correctly computed on the basis of work performed and/or material supplied to this date.

OWNER: City of Ingleside

By: Date:

APPROVAL FOR PAYMENT: This Estimate for Partial Payment is approved for payment. This certificate is not negotiable. The amount certified is payable only to the contract named herein. Issuance, payment and acceptance of payment are without prejudice to the rights of the Owner or Contractor under this Contract.

Document SUMMARY SHEET, APPLICATION AND CERTIFICATE FOR PAYMENT,
containing Contractor's signed Certification is attached

APPLICATION NO. **5**
SERIVCE DATES **1/27/24 thru 2/29/24**
DATE OF ESTIMATE **3/1/2024**

ORIGINAL CONTACT WORK / BASE BID SCHEDULE OF VALUES

A	B	C				D		E		F		G
ITEM NO.	DESCRIPTION	SCHEDULED VALUE				WORK COMPLETED THIS PERIOD		WORK COMPLETED PREVIOUS PERIOD		WORK COMPLETED TO DATE		%(E/C)
		BID QTY	UNIT	UNIT PRICE	TOTAL AMOUNT	QTY	TOTAL	QTY	TOTAL	QTY	TOTAL	
GENERAL												
1	Mobilization (5% Max. of Construction Cost)	1	LS	$ 90,000.00	$ 90,000.00	0	$ -	1	$ 90,000.00	1	$ 90,000.00	100%
2	Bonds and Insurance	1	LS	$ 60,000.00	$ 60,000.00	0	$ -	1	$ 60,000.00	1	$ 60,000.00	100%
3	Seeding	1	LS	$ 20,000.00	$ 20,000.00	1	$ 20,000.00	0	$ -	1	$ 20,000.00	100%
4	Site Clearing, Stripping and Rough Grading	1	LS	$ 20,000.00	$ 20,000.00	0	$ -	1	$ 20,000.00	1	$ 20,000.00	100%
5	Stormwater Pollution Prevention Plan	1	LS	$ 10,000.00	$ 10,000.00	0	$ -	1	$ 10,000.00	1	$ 10,000.00	100%
6	Traffic Control	1	LS	$ 15,000.00	$ 15,000.00	0	$ -	1	$ 15,000.00	1	$ 15,000.00	100%
7	GLO Required Signage	1	LS	$ 3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
DRAINAGE IMPROVEMENTS												
8	Ditch Grading and Regrading	5,482	LF	$20.00	$ 109,640.00	582	$ 11,640.00	4900	$ 98,000.00	5482	$ 109,640.00	100%
9	Concrete Lined Channel	740	CY	$1,150.00	$ 851,000.00	0	$ -	740	$ 851,000.00	740	$ 851,000.00	100%
10	18" RCP	113	LF	$115.00	$ 12,995.00	0	$ -	113	$ 12,995.00	113	$ 12,995.00	100%
11	15" RCP	906	LF	$105.00	$ 95,130.00	86	$ 9,030.00	820	$ 86,100.00	906	$ 95,130.00	100%
12	12" RCP	190	LF	$100.00	$ 19,000.00	0	$ -	190	$ 19,000.00	190	$ 19,000.00	100%
13	6'x3' Box Culvert	1,900	LF	$650.00	$ 1,235,000.00	0	$ -	1900	$ 1,235,000.00	1900	$ 1,235,000.00	100%
14	Trench Excavation Protection	1,900	LF	$4.00	$ 7,600.00	0	$ -	1900	$ 7,600.00	1900	$ 7,600.00	100%
15	Headwalls/SET 18" RCP	3	EA	$1,200.00	$ 3,600.00	0	$ -	3	$ 3,600.00	3	$ 3,600.00	100%
16	Headwalls/SET 15" RCP	16	EA	$1,200.00	$ 19,200.00	2	$ 2,400.00	14	$ 16,800.00	16	$ 19,200.00	100%
17	Headwalls/SET 12" RCP	2	EA	$1,000.00	$ 2,000.00	0	$ -	2	$ 2,000.00	2	$ 2,000.00	100%
18	Concrete Riprap	12	CY	$100.00	$ 1,200.00	0	$ -	12	$ 1,200.00	12	$ 1,200.00	100%
19	Riser Manholes	3	EA	$2,000.00	$ 6,000.00	1	$ 2,000.00	2	$ 4,000.00	3	$ 6,000.00	100%
20	Grate Inlets	14	EA	$3,200.00	$ 44,800.00	0	$ -	14	$ 44,800.00	14	$ 44,800.00	100%
21	Special Junction Boxes	7	EA	$12,500.00	$ 87,500.00	4	$ 50,000.00	3	$ 37,500.00	7	$ 87,500.00	100%
22	Pavement Repair	18,081	SF	$5.00	$ 90,405.00	13881	$ 69,405.00	0	$ -	13881	$ 69,405.00	77%
23	Demolition of Caliche Driveways	6,129	SF	$3.00	$ 18,387.00	0	$ -	6129	$ 18,387.00	6129	$ 18,387.00	100%
24	Demolition of Concrete Driveways	1,888	SF	$5.00	$ 9,440.00	0	$ -	1888	$ 9,440.00	1888	$ 9,440.00	100%
25	Demolition of Asphalt Driveways	308	SF	$6.00	$ 1,848.00	0	$ -	308	$ 1,848.00	308	$ 1,848.00	100%
26	Storm Pipe Removal	871	LF	$20.00	$ 17,420.00	91	$ 1,820.00	780	$ 15,600.00	871	$ 17,420.00	100%
27	Inlet Removal	1	EA	$1,000.00	$ 1,000.00	0	$ -	1	$ 1,000.00	1	$ 1,000.00	100%
28	Curb and Gutter Removal	28	LF	$15.00	$ 420.00	0	$ -	0	$ -	0	$ -	0%
29	Manhole Removal	1	EA	$1,000.00	$ 1,000.00	0	$ -	1	$ 1,000.00	1	$ 1,000.00	100%
30	Connect to Existing Storm Box	1	EA	$5,000.00	$ 5,000.00	1	$ 5,000.00	0	$ -	1	$ 5,000.00	100%
31	Storm Box End Cap	1	EA	$3,000.00	$ 3,000.00	1	$ 3,000.00	0	$ -	1	$ 3,000.00	100%
32	Move Mailbox	4	EA	$200.00	$ 800.00	4	$ 800.00	0	$ -	4	$ 800.00	100%
33	New Caliche Driveway	3,141	SF	$4.00	$ 12,564.00	0	$ -	3141	$ 12,564.00	3141	$ 12,564.00	100%
34	New Asphalt Driveways	149	SF	$6.00	$ 894.00	0	$ -	0	$ -	0	$ -	0%
35	New Concrete Driveways	3,389	SF	$12.00	$ 40,668.00	1411	$ 16,932.00	1300	$ 15,600.00	2711	$ 32,532.00	80%
36	Structural Design for Concrete Channel Tie In	1	EA	$15,000.00	$ 15,000.00	1	$ 15,000.00	0	$ -	1	$ 15,000.00	100%

UTILITY IMPROVEMENTS												
37	Existing Sewer Lateral to be Abandoned and Filled	215	LF	$20.00	$ 4,300.00	0	$ -	215	$ 4,300.00	215	$ 4,300.00	100%
38	4" PVC (SCH40) Sewer Lateral	391	LF	$40.00	$ 15,640.00	0	$ -	391	$ 15,640.00	391	$ 15,640.00	100%
39	6" PVC (SCH40) Sewer Lateral	52	LF	$45.00	$ 2,340.00	0	$ -	52	$ 2,340.00	52	$ 2,340.00	100%
40	Connection to Existing Sewer Lateral	4	EA	$300.00	$ 1,200.00	0	$ -	4	$ 1,200.00	4	$ 1,200.00	100%
41	4" Cleanout	3	EA	$500.00	$ 1,500.00	0	$ -	3	$ 1,500.00	3	$ 1,500.00	100%
42	6" Cleanout	2	EA	$600.00	$ 1,200.00	0	$ -	2	$ 1,200.00	2	$ 1,200.00	100%
43	Trench Safety	443	LF	$4.00	$ 1,772.00	0	$ -	443	$ 1,772.00	443	$ 1,772.00	100%
44	Water Service Line Adjustment	10	EA	$1,500.00	$ 15,000.00	0	$ -	10	$ 15,000.00	10	$ 15,000.00	100%
45	Gas Service Line Adjustment	10	EA	$4,000.00	$ 40,000.00	5	$ 20,000.00	5	$ 20,000.00	10	$ 40,000.00	100%
46	Existing Waterline Adjustment at Approximately Sta. 1+11	1	LS	$12,000.00	$ 12,000.00	0	$ -	1	$ 12,000.00	1	$ 12,000.00	100%
47	Existing Waterline Adjustment at Approximately Sta. 8+15	1	LS	$11,000.00	$ 11,000.00	0	$ -	1	$ 11,000.00	1	$ 11,000.00	100%
48	Existing Waterline Adjustment at Approximately Sta. 9+30	1	LS	$12,000.00	$ 12,000.00	0	$ -	1	$ 12,000.00	1	$ 12,000.00	100%
49	Existing Waterline Adjustment at Approximately Sta. 14+29	1	LS	$12,000.00	$ 12,000.00	0	$ -	1	$ 12,000.00	1	$ 12,000.00	100%
50	Existing Waterline Adjustment at Approximately Sta. 14+72	1	LS	$12,000.00	$ 12,000.00	1	$ 12,000.00	0	$ -	1	$ 12,000.00	100%
51	Existing Waterline Adjustment at Approximately Sta. 17+89	1	LS	$12,000.00	$ 12,000.00	0	$ -	1	$ 12,000.00	1	$ 12,000.00	100%
52	Existing Waterline Adjustment at Approximately Sta. 19+64	1	LS	$12,000.00	$ 12,000.00	1	$ 12,000.00	0	$ -	1	$ 12,000.00	100%
53	Utility Exploration Site #1	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
54	Utility Exploration Site #2	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
55	Utility Exploration Site #3	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
56	Utility Exploration Site #4	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
57	Utility Exploration Site #5	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
58	Utility Exploration Site #6	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
59	Utility Exploration Site #7	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
60	Utility Exploration Site #8	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
61	Utility Exploration Site #9	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
62	Utility Exploration Site #10	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
63	Utility Exploration Site #11	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
64	Utility Exploration Site #12	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
65	Utility Exploration Site #13	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
66	Utility Exploration Site #14	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
67	Utility Exploration Site #15	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
68	Utility Exploration Site #16	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
69	Utility Exploration Site #17	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
70	Utility Exploration Site #25	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
71	Utility Exploration Site #26	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
72	Utility Exploration Site #27	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
73	Utility Exploration Site #28	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
	BASE BID TOTALS				**$ 3,159,463.00**		**$ 251,027.00**		**$ 2,877,986.00**		**$ 3,129,013.00**	99%

ADDITIVE ALTERNATE CONTACT WORK / SCHEDULE OF VALUES

GENERAL												
A1	Seeding	1	LS	$7,500.00	$ 7,500.00	1	$ 7,500.00	0	$ -	1	$ 7,500.00	100%
A2	Storm Water Pollution Prevention	1	LS	$10,000.00	$ 10,000.00	0	$ -	1	$ 10,000.00	1	$ 10,000.00	100%
A3	Traffic Control	1	LS	$5,000.00	$ 5,000.00	0	$ -	1	$ 5,000.00	1	$ 5,000.00	100%
DRAINAGE IMPROVEMENTS												
A4	Ditch Grading and Regrading	1,668	LF	$20.00	$ 33,360.00	0	$ -	1668	$ 33,360.00	1668	$ 33,360.00	100%
A5	18" RCP	320	LF	$115.00	$ 36,800.00	125	$ 14,375.00	195	$ 22,425.00	320	$ 36,800.00	100%
A6	15" RCP	197	LF	$105.00	$ 20,685.00	149	$ 15,645.00	48	$ 5,040.00	197	$ 20,685.00	100%
A7	12" RCP	15	LF	$100.00	$ 1,500.00	0	$ -	15	$ 1,500.00	15	$ 1,500.00	100%
A8	Headwalls/SET 18" RCP	4	EA	$1,200.00	$ 4,800.00	2	$ 2,400.00	2	$ 2,400.00	4	$ 4,800.00	100%
A9	Pavement Repair	700	SF	$5.00	$ 3,500.00	700	$ 3,500.00	0	$ -	700	$ 3,500.00	100%
A10	Demolition of Caliche Driveways	3,232	SF	$5.00	$ 16,160.00	0	$ -	3232	$ 16,160.00	3232	$ 16,160.00	100%
A11	Demolition of Asphalt Driveways	221	SF	$6.00	$ 1,326.00	0	$ -	221	$ 1,326.00	221	$ 1,326.00	100%
A12	Storm Pipe Removal	322	LF	$20.00	$ 6,440.00	42	$ 840.00	280	$ 5,600.00	322	$ 6,440.00	100%
A13	New Caliche Driveways	3,119	SF	$4.00	$ 12,476.00	0	$ -	3119	$ 12,476.00	3119	$ 12,476.00	100%
A14	New Concrete Drivewys	380	SF	$15.00	$ 5,700.00	180	$ 2,700.00	0	$ -	180	$ 2,700.00	47%
UTILITY IMPROVEMENTS												
A15	Utility Exploration Site #18	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
A16	Utility Exploration Site #19	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
A17	Utility Exploration Site #20	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
A18	Utility Exploration Site #21	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
A19	Utility Exploration Site #22	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
A20	Utility Exploration Site #23	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
A21	Utility Exploration Site #24	1	LS	$3,000.00	$ 3,000.00	0	$ -	1	$ 3,000.00	1	$ 3,000.00	100%
	ADDITIVE ALTERNATE BID TOTALS				**$ 186,247.00**		**$ 46,960.00**		**$ 136,287.00**		**$ 183,247.00**	**98%**
	BASE BID + ADDITIVE ALTERNATE BID TOTALS				**$ 3,345,710.00**		**$ 297,987.00**		**$ 3,014,273.00**		**$ 3,312,260.00**	**99%**

CHANGE ORDERS												
CO1	Pool Drain Adjustments	1	LS	-$5,850.00	$ (5,850.00)	0	$ -	1	$ (5,850.00)	1	$ (5,850.00)	100%
CO2	Guardrail Fence and 48" Concrete 700 LF	1	LS	$70,480.00	$ 70,480.00	0.7	$ 49,336.00	0.3	$ 21,144.00	1	$ 70,480.00	100%
	CHANGE ORDER TOTALS				**$ 64,630.00**		**$ 49,336.00**		**$ 15,294.00**		**$ 64,630.00**	**100%**

	BASE BID + ADDITIVE ALTERNATE BID + CHANGE ORDERS TOTALS				**$ 3,410,340.00**		**$ 347,323.00**		**$ 3,029,567.00**		**$ 3,376,890.00**	**99%**

CITY COUNCIL AGENDA
Amended Regular Meeting: March 12, 2024

AGENDA ITEM: 18

Deliberate and take appropriate action on a Resolution of the City of Ingleside suspending the April 4, 2024 effective date of AEP Texas Inc.'s requested rate change to permit the city time to study the request and to establish reasonable rates; Approving cooperation with the cities served by AEP Texas and authorizing intervention in AEP Texas Inc.'s requested rate change proceedings before the commission; Hiring Lloyd Gosselink Attorneys and Consulting Services to negotiate with the company and direct any necessary litigation and appeals; Requiring reimbursement of cities' rate case expenses; Finding that the meeting at which this Resolution is passed is open to the public as required by law; Requiring notice of this Resolution to the company and legal counsel.

SUBMITTED BY: Brenton Lewis, City Manager

APPROVED FOR AGENDA: Brenton Lewis, City Manager

BACKGROUND:

MODEL STAFF REPORT
*****ACTION MUST BE TAKEN TO SUSPEND THE EFFECTIVE DATE BEFORE APRIL 4, 2024*****

Purpose:

AEP Texas Inc ("AEP Texas" or "Company") filed an application on February 29, 2024 with cities retaining original jurisdiction seeking to increase system-wide distribution rates by $110.4 million per year (an increase of 13.1%) and increase system-wide transmission rates by $63.1 million (an increase of 9.29%). According to AEP Texas, the impact of this approval on an average residential customer would be an increase of about $4.59 per month.

The resolution suspends the April 4, 2024 effective date of the Company's rate change for the maximum period permitted by law to allow the City, working in conjunction with other Cities served by AEP Texas to intervene in the Public Utility Commission Docket No. 56165 to evaluate the filing, determine whether the filing complies with law, and if lawful, to determine what further strategy, including settlement, to pursue.

The law provides that a rate request made by an electric utility cannot become effective until at least 35 days following the filing of the application to change rates. The law permits the City to suspend the rate change for 90 days after the date the rate change would otherwise be effective. **If the City fails to take some action regarding the filing before the effective date, AEP Texas's rate request is deemed approved.**

Purpose of this Resolution:

The purpose of this Resolution is to suspend the Statement of Intent to Change Rates proposed by AEP Texas and authorize the City to intervene in the Company's rate case proceeding before the Public Utility Commission in Docket No. 56165.

Explanation of "Be It Resolved" Paragraphs:

Section 1. The City is authorized to suspend the rate change for 90 days after the date that the rate change would otherwise be effective for any legitimate purpose. Time to study and investigate the application is always a legitimate purpose. Please note that the resolution refers to the suspension period as "the maximum period allowed by law" rather than ending by a specific date. This is because the Company controls the effective date and can extend the deadline for final city action to increase the time that the City retains jurisdiction if necessary to reach settlement on the case. If the suspension period is not otherwise extended by the Company, the City must take final action on AEP Texas' request to change rates by July 3, 2024.

Section 2. This provision authorizes the City to participate in a coalition of Cities served by AEP Texas ("Cities") in order to more efficiently represent the interests of the City and their citizens and authorizes the hiring of Lloyd Gosselink and consultants to review the filing, negotiate with the Company, and make recommendations to the City regarding reasonable rates. Additionally, it authorizes Cities to direct any necessary administrative proceedings or court litigation associated with an appeal of this application filed with the PUC.

Section 3. This section authorizes the City to intervene in and participate with Cities Served by AEP Texas as a party in the Company's filing, PUC Docket No. 56165.

Section 4. The Company will reimburse the cities for their reasonable rate case expenses. Legal counsel and consultants approved by Cities will submit monthly invoices that will be forwarded to AEP Texas for reimbursement. No individual city incurs liability for payment of rate case expenses by adopting a suspension resolution.

Section 4. This section merely recites that the resolution was passed at a meeting that was open to the public and that the consideration of the Resolution was properly noticed.

Section 5. This section provides that both AEP Texas' counsel and counsel for the Cities will be notified of the City's action by sending a copy of the approved and signed resolution to certain designated individuals.

FISCAL ANALYSIS:

There is no cost to the City. AEP will reimburse the cities for their reasonable rate case expenses,

RECOMMENDATION:

Staff recommends approval of the Resolution suspending the April 4, 2024 effective date of AEP Texas Inc.'s requested rate change to permit the city time to study the request and to establish reasonable rates and hiring Lloyd Gosselink Attorneys and Consulting Services to negotiate with the company and direct any necessary litigation and appeals.

ATTACHMENTS:

1. AEP Letter 02.29.2024
2. AEP Letter Attachments 1 thru 3
3. OJ Cities - Resolution for AEP Texas 2024 Rate Case

AEP Texas
539 N. Carancahua St
Corpus Christi, TX 78401
www.aeptexas.com

Judith E. Talavera
President & Chief Operating Officer

February 29, 2024

The Honorable Oscar Adame
Mayor, City of Ingleside
2671 San Angelo
Ingleside TX 78362

Re: ***Application of AEP Texas Inc. for Authority to Change Rates***

Dear Mayor Adame:

As indicated in previous correspondence, AEP Texas is filing with the Public Utility Commission of Texas (PUC) and cities that have retained original jurisdiction over AEP Texas a request to change the rates it charges for the use of its transmission and distribution lines and related services. AEP Texas filed this request with the PUC today (February 29, 2024) and, by this letter, with cities that have retained original jurisdiction over AEP Texas. This letter provides you information about the filing, as well as the filing itself. Attached to this letter are the following:

Attachment 1 discusses the action your city needs to take by April 4, 2024 and provides a sample city ordinance for your convenience. If your City has previously ceded its original rate-setting jurisdiction to the PUC, this information is being provided to you as a courtesy and no action is required by you.

Attachment 2 is the AEP Texas Petition and Statement of Intent, which is the request to change rates for those cities that have retained original jurisdiction. Appendix A of the Petition and Statement of Intent provides a list of cities in the AEP Texas service territory and indicates which cities have retained original jurisdiction over the company's rates and those which have ceded original jurisdiction to the PUC.

Attachment 3 is a copy of my testimony as AEP Texas President & COO, which provides you an overview of the filing and the subjects covered by each AEP Texas witness.

The entirety of AEP Texas' rate request testimony and rate filing package can be located on the PUC Interchange at the following link:

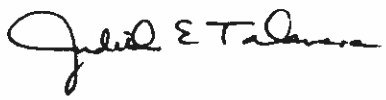
https://interchange.puc.texas.gov/search/filings/?UtilityType=A&ControlNumber=56165&ItemMatch=Equal&DocumentType=ALL&SortOrder=Ascending

AEP Texas is proposing revisions to its tariffs and schedules. A copy of the proposed tariffs is contained in Exhibit JLJ-2 to the testimony of AEP Texas witness Jennifer Jackson, which can be found on the PUC Interchange as well.

As has always been the case, AEP Texas is committed to working with local and state regulators to ensure the timely construction and maintenance of a reliable and resilient transmission and distribution system. We believe a strong system will enhance overall service reliability and the economic potential for the state and the communities we serve.

If you have any questions about the AEP Texas request to change its transmission and distribution rates, please contact Patrick King at 361-758-6411.

Sincerely,



Judith E. Talavera
AEP Texas Inc.
President and Chief Operating Officer

Attachments

ACTION REQUIRED BY APRIL 4, 2024

Action is required by your City as a regulatory authority which has retained original jurisdiction to review and act on AEP Texas' requested change in base rates. Your City's exercise of its regulatory authority is governed by the Public Utility Regulatory Act, commonly referred to as "PURA." PURA requires that a municipal regulatory authority must take action on AEP Texas' rate request within 35 days after the case is filed. If your City has ceded original jurisdiction, then no action is required. If your City has retained original jurisdiction then you can take one of four basic actions by April 4, 2024:

1) deny AEP Texas' request;
2) grant AEP Texas' request in whole or part; or
3) "suspend" AEP Texas' requested change in rates for an additional 90 days (a total of 125 days) before taking final action.
4) cede original jurisdiction to the Public Utility Commission of Texas (PUC);

Once your City acts, PURA authorizes AEP Texas to appeal that action to the PUC, which has the authority to make the final decision on the rate change request. AEP Texas is filing the same rate change request with all other cities in its Texas service area that have the same regulatory authority as your City. Similar actions by these other cities would also be appealed by AEP Texas, and ultimately the Commission would exercise its statutory authority to set uniform system wide rates throughout AEP Texas' service area.

If you would like more information on permanently ceding original jurisdiction to the Commission, please contact your External Affairs Manager.

If no action is taken by your city by April 4, 2024, AEP Texas rate change request is deemed approved. In order to avoid this result, and to provide the simplest means of processing the Company's request, **AEP Texas recommends that your City Council take action by April 4, 2024.** If you deny the request, AEP Texas will then appeal the matter to the PUC, together with all the other appeals of municipal actions within AEP Texas' service area, and the cases will be consolidated at the PUC. Draft ordinances are provided with this attachment for your consideration and convenience.

Once your City Council has taken one of the above actions, please scan and email a copy of the approved ordinance to: jjfrederick@aep.com

If you have questions on this request or the draft ordinance, please do not hesitate to contact your AEP Texas External Affairs Manager. Thank you for your attention to this matter.

AN ORDINANCE / RESOLUTION OF THE CITY OF _____, TEXAS FINDING, AFTER REASONABLE NOTICE AND HEARING, THAT AEP TEXAS INC EXISTING ELECTRIC RATES AND CHARGES WITHIN THE CITY SHOULD REMAIN IN EFFECT

WHEREAS, pursuant to §33.001 of the Public Utility Regulatory Act, the City of _____ has exclusive, original jurisdiction over the electric rates, operations, and services provided within city limits by AEP Texas Inc. (AEP Texas or the Company).

WHEREAS, on February 29, 2024, AEP Texas filed with the City of _____ a Petition and Statement of Intent seeking a net increase of 13.1% over net present distribution revenues. Related to its transmission cost of service, the Company requests a rate increase of $63.1 million above its adjusted test year revenues, an increase of 9.29%.

WHEREAS, the Company has requested its proposed rate change become effective 35 days after the filing its Petition.

NOW, THEREFORE, BE IT ORDAINED/RESOLVED BY THE CITY COUNCIL OF THE CITY OF _____, TEXAS:

SECTION 1. It is hereby found and determined that said meeting at which this Ordinance/Resolution was passed was open to the public, as required by Texas law, and that advance public notice of the time, place and purpose of said meeting was given.

SECTION 2. AEP Texas' request for approval of its base rates increase is denied. The existing rates and charges of AEP Texas are hereby found to be just and reasonable rates and the City adopts such existing rates to continue to be observed and to be in force within the City hereafter.

SECTION 3. The base rates set forth in this Ordinance / Resolution may be changed and amended by either the City or the Company only as provided by law.

SECTION 4. This Ordinance / Resolution shall be served on AEP Texas by email to the Company's authorized representative, Jennifer J. Frederick at jjfrederick@aep.com.

SECTION 5. Nothing contained in this Ordinance shall be construed now or hereafter in limiting or modifying, in any manner, the right and power of the City under law to regulate the base rates and charges of AEP Texas.

CONSIDERED, PASSED, APPROVED AND SIGNED this the ___ day of _____, 20___, at a regular called meeting of the City Council of the city of _____, Texas, at which a quorum was present and which was held in accordance with the provisions of Chapter 551, Texas Government Code.

SIGNED this ____day of _____, 20___.

CITY OF _____

By: _____

_____, Mayor

Attest:

_____

_____, City Secretary

APPROVED AS TO FORM:

_____

_____, City Attorney

DOCKET NO. 56165

APPLICATION OF AEP TEXAS INC.	**§**	**BEFORE THE**
FOR AUTHORITY TO CHANGE	**§**	**PUBLIC UTILITY COMMISSION**
RATES	**§**	**OF TEXAS**

PETITION AND STATEMENT OF INTENT TO CHANGE RATES

AEP Texas Inc. (AEP Texas or the Company) files this Petition and Statement of Intent to Change Rates (Petition) in accordance with Subchapter C of Chapter 36 of the Public Utility Regulatory Act (PURA),[1] 16 Tex. Admin. Code § 22.243(b) (TAC), and 16 TAC § 25.247. AEP Texas is filing with this Petition a rate filing package (RFP) that complies in all material respects with the Commission's *Transmission & Distribution (TDU) Investor-Owned Utilities Rate Filing Package for Cost-of-Service Determination*.[2]

I. INTRODUCTION

AEP Texas delivers electricity to approximately 1.1 million homes, businesses, and industries across its nearly 100,000 square mile service territory in south and west Texas, roughly 36% of the state. As a "wires" company, AEP Texas builds, operates, maintains, and repairs its transmission and distribution (T&D) system—composed of nearly 45,000 miles of distribution lines and 8,500 miles of transmission lines—reads electric meters, and handles connections and disconnections as directed by the Retail Electric Providers (REPs) selling electricity to end-use customers.

Much has happened since AEP Texas last filed a base-rate case in 2019. The world was beginning to respond to a global pandemic just as the Commission was issuing its final order in

[1] PURA is codified at Tex. Util. Code Ann. §§ 11.001–66.016.

[2] Approved July 20, 2020.

that case.[3] During that same year and since, the state experienced several extreme weather events, most notably Winter Storm Uri in February 2021. The business environment in which AEP Texas operates has also changed dramatically. AEP Texas has faced inflationary, supply chain, and labor market challenges that have placed upward pressures on AEP Texas' cost of service. At the same time, AEP Texas has experienced unprecedented load growth in its service territory. Despite these challenges, AEP Texas' mission to provide safe and reliable electricity service remains unchanged.

Generally, AEP Texas' approach for improving system performance focuses on two areas: preventing and minimizing duration of outages. While reliability of service is important, having a system in place that is resilient, particularly in light of the increase in extreme weather events, is also a priority of AEP Texas. As the T&D utility with the largest coastal exposure in the state, 240 miles, AEP Texas must prepare for catastrophic weather events. For example, in south Texas, AEP Texas teams worked to quickly and safely restore service despite the challenging circumstances of Hurricane Hanna making landfall during the COVID-19 pandemic in 2020. Winter Storm Uri presented its own unique challenges, but again, the Company's employees were ready to respond when needed. Importantly, the AEP Texas T&D system held up remarkably well during Winter Storm Uri and the AEP Texas T&D teams were focused on restoring service to customers as soon as possible after the load shed directive ended. More recently in 2023, in response to a tornado that devastated the town of Matador, Texas, the AEP Texas T&D teams responded safely and quickly to restore service to those impacted in less than 24 hours despite losing an entire substation as a result of the tornado.

As noted above, AEP Texas' service territory has experienced unprecedented growth as more businesses have expanded or selected the State of Texas for their business. This load growth

[3] *Application of AEP Texas Inc. for Authority to Change Rates*, Docket No. 49494, Order (Apr. 6, 2020).

is not just happening with the annual peak hour, but also with energy (GWh) delivered over all 8,760 hours of the year. In 2021, AEP Texas load increased by 8.3%, and through the end of the test year in 2023,[4] AEP Texas load is up another 9.0% on top of the 2022 levels. In contrast, energy delivered in the AEP Texas service territory grew on average only by 1.1% per year from 2000 to 2020. In other words, the growth AEP Texas is experiencing today is nearly 9 times greater than what it has historically experienced. The commercial and industrial classes have been the primary drivers of this growth. Moreover, the pipeline of future economic development projects has never been bigger. This growth has required AEP Texas to make significant investments in its T&D system to support the expanding economy and meet its customers' needs.

Between January 1, 2019 and September 30, 2023, AEP Texas placed in service more than $2 billion in distribution capital additions and $3 billion in transmission capital additions. This capital investment was necessary to address load changes of new and existing customers and to allow AEP Texas to fulfill its obligations under PURA, the Commission's Substantive Rules, and its Commission-approved tariffs. In the face of this growth and investment, it is important for AEP Texas to maintain and improve its financial profile. To achieve this objective, the Company's rates must be set at a level that provides it with the opportunity to recover its reasonable costs of doing business and a competitive return on its investments in Texas. Maintaining and improving AEP Texas' financial profile is discussed at more length by AEP Texas witnesses Chad Burnett and Noah Hollis.

While unprecedented load growth and the resulting $5 billion in T&D investment play a significant role in the timing of this rate case, rising inflation has contributed to an increase in the cost of service. Notably, year-over-year inflation during the test year in the Company's last base-

[4] The test year is the twelve-month period ending September 30, 2023.

rate case (Docket No. 49494), as measured by the Consumer Price Index (CPI) was 2.4%. Year-over-year inflation for the test year in this case is more than double that at 5.1%.

In sum, since its most recent rate case, AEP Texas has provided safe and reliable service in the face of significant challenges and opportunities. The Company has and continues to respond to the changing environment. And, as customers' expectations continue to evolve, AEP Texas remains committed to providing them with safe and reliable wires services.

Finally, while the timing of this filing is consistent with AEP Texas' commitment made in the settlement agreement adopted by the Commission in Docket No. 49494, much has changed for AEP Texas and customers since that time and a rate case is needed to better align rates with the current cost of providing safe and reliable service to customers.

II. BUSINESS ADDRESS & AUTHORIZED REPRESENTATIVES

AEP Texas' business address is 539 North Carancahua Street, Corpus Christi, Texas 78401. AEP Texas' authorized business representative for this proceeding is:

Jennifer J. Frederick
Regulatory Case Manager
American Electric Power Service Corporation
400 West 15th Street, Suite 1520
Austin, Texas 78701
Telephone: (512) 481-4573
Facsimile: (512) 481-4591
aepaustintx@aep.com (service)

AEP Texas' legal representatives are:

Melissa A. Gage
Leila M. Melhem
American Electric Power Service Corporation
400 West 15th Street, Suite 1520
Austin, Texas 78701
Telephone: (512) 481-3320
Facsimile: (512) 481-4591
Email: magage@aep.com
lmmelhem@aep.com
aepaustintx@aep.com (Service)

William Coe
Kerry McGrath
Patrick Pearsall
Duggins Wren Mann & Romero, LLP
P.O. Box 1149
Austin, Texas 78767
Telephone: (512) 744-9300
Facsimile: (512) 744-9399
Email: wcoe@dwmrlaw.com
kmcgrath@dwmrlaw.com
ppearsall@dwmrlaw.com

AEP Texas requests that all information, pleadings, and other documents in this matter be served on each of the persons above and be emailed to aepaustintx@aep.com.

III. APPLICANT AND JURISDICTION

AEP Texas is a public utility as that term is defined in PURA § 11.004(1), an electric utility as that term is defined in PURA § 31.002(6), and a transmission and distribution utility as that term is defined in PURA § 31.002(19). AEP Texas is a wholly owned subsidiary of American Electric Power Company, Inc. (AEP), which is a holding company within the meaning of the Public Utility Holding Company Act of 2005.

The Commission has jurisdiction over this application under PURA §§ 14.001, 32.001, and 36.001. Specifically, the Commission has jurisdiction to change AEP Texas' distribution rates within unincorporated areas of the Company's service area, within all municipalities served by the Company that have surrendered their original jurisdiction to the Commission, and upon appeal by the Company of actions taken by municipalities exercising original jurisdiction. Each municipality in AEP Texas' service area that has not ceded jurisdiction to the Commission has jurisdiction over this petition to the extent it seeks to change rates for distribution service within those municipalities. AEP Texas anticipates that it will appeal the actions of its original jurisdiction municipalities, and that it will seek consolidation of those appeals with this docket. A list of the municipalities that have ceded original jurisdiction, and of those that have retained original jurisdiction, is provided as Appendix A. AEP Texas will file this petition with the Commission, as well as with all of its original jurisdiction municipalities.

IV. TEST YEAR

This petition is based on a test year ending September 30, 2023, adjusted for known and measurable changes.

V. INCREASE IN REVENUE REQUIREMENT

Related to its distribution cost of service, the Company requests a rate increase of approximately $100.4 million over its adjusted test year revenues. This net change is a 13.1% increase over net present distribution revenues. When expected annualized Transmission Cost Recovery Factor (TCRF) Rider revenues are included in the comparison to present revenues, the $100.4 million net change is an 8.4% increase.

Related to its transmission cost of service, the Company requests a rate increase of $63.1 million over its adjusted test year revenues, an increase of 9.29%. Present and proposed revenues by rate class and number of customers are provided in the following table:

Distribution Rate Class	AEP TX Number of Customers	AEP TX Present Revenues*	AEP TX Proposed Revenues	AEP TX Proposed Change	AEP TX Percent Change
Residential	935,238	$429,886,639	$493,369,221	$63,482,582	14.77%
Secondary <= 10 kW	99,366	$25,972,549	$23,633,174	-$2,339,375	-9.01%
Secondary > 10 kW	72,409	$223,867,117	$255,299,905	$31,432,788	14.04%
Primary	1,086	$46,979,025	$57,184,286	$10,205,260	21.72%
Transmission	123	$9,566,457	$6,901,575	-$2,664,883	-27.86%
Lighting	2,627	$30,653,559	$29,020,337	-$1,633,222	-5.33%
Total Texas Retail	1,110,849	$766,925,347	$865,408,497	$98,483,151	12.84%
WDS BESS	19	$0	$1,904,269	$1,904,269	
Total Distribution	1,110,868	$766,925,347	$867,312,766	$100,387,419	13.09%
March 2024 TCRF**		$428,545,775	$428,545,775		
Distribution + TCRF		$1,195,471,122	$1,295,858,541	$100,387,419	8.40%
Wholesale Transmission Revenue		$679,461,540	$742,555,253	$63,093,713	9.29%

*Includes approved DCRF revenue requirement recovered in proposed revenues
**March 2024 Rider TCRF revenue requirement annualized without prior period true-up

The proposed increase constitutes a "major change" as that term is defined in PURA § 36.101.

VI. AFFECTED PERSONS

AEP Texas' petition affects all REPs serving end-use retail electric customers in the Company's certificated service territory. Each of these end-use retail electric customers may be affected by this petition, depending upon the actions taken by the REPs that provide electricity to such customers.

This petition also affects all customers taking service under the Company's wholesale transmission service tariff.

VII. FILING OVERVIEW

Through this petition, the supporting testimony, and the schedules and workpapers submitted with the required RFP, AEP Texas requests that the Commission:

- approve AEP Texas' proposed revenue requirement;
- find AEP Texas' capital additions placed in service since the end of the test year in its previous base-rate case prudent;
- approve the requested capital structure and return on equity (ROE);
- approve the proposed cost allocation methodology and rate design;
- reset baselines for distribution and transmission;
- approve AEP Texas' proposed transmission, distribution, and general plant depreciation rates;
- approve AEP Texas' proposed Wholesale Distribution Service Battery Energy Storage (WDS BESS) rate schedule;
- approve AEP Texas' requests to continue the provision of facilities rental services and for a good-cause exception to the application of 16 TAC § 25.343(d)(1)(c)(ii) to allow the Company to provide facilities rental services under rates approved in this case through the effective date of new rates approved in its next base-rate case;
- approve AEP Texas' update to its annual self-insurance reserve accrual;
- approve AEP Texas' proposed revisions to its Tariff for Retail Delivery Service (Retail Tariff); and

- find AEP Texas' requested rate-case expenses incurred for this case and certain prior dockets reasonable and authorize recovery through the proposed rider.

A. Capital Structure & Rate of Return

The Company is requesting a modest adjustment to its capital financing structure approved in Docket No. 49494—42.5% equity and 57.5% debt—to address the concerns that rating agencies have identified as a risk that could negatively impact AEP Texas' customers with higher borrowing costs going forward. Specifically, the Company is requesting the Commission approve a 45% equity and 55% debt financing structure.

The slightly thicker equity layer is necessary to maintain the Company's current bond rating and to allow it to continue to borrow at reasonable interest rates to fund the unprecedented growth the Company is currently experiencing. The current capitalization structure established in Docket No. 49494 combined with the rapid growth across the AEP Texas service territory have resulted in credit ratings at the lower end of investment grade utilities. If the Company's credit rating were to deteriorate any further, it would likely result in more funds being allocated to interest payments and less on the necessary infrastructure investments needed to provide safe and reliable electric service to the Company's growing customer base.

Notably, the Company did thicken the equity layer of AEP Texas in 2023, above what was authorized in Docket No. 49494—from 42.5% equity to 45% equity—to prevent a downgrade in the Company's credit rating from the various rating agencies. As explained by Company witnesses Todd Shipman and Noah Hollis, credit agencies likely would have downgraded AEP Texas' credit rating had the Company not adjusted the equity layer in 2023.

The Company is asking the Commission to authorize a 10.6% ROE when setting rates in this proceeding. This is an increase above the 9.4% ROE authorized in Docket No. 49494. Company witness Ann Bulkley provides additional detail supporting the derivation of the proposed

ROE in this proceeding. The biggest driver is the overall increase in interest rates for all securities since the end of the test year in the Company's previous rate case. The Federal Funds rate, which is largely held as the risk-free rate for securities, has increased by approximately 3 percent since the end of the test year in Docket No. 49494. When the interest rate on risk-free, government-backed securities increases, it causes interest rates for every other market security to increase as well. The Company's requested increase in ROE is necessary so that rates going forward will reflect the actual cost of capital the Company experienced in the test year.

Granting the Company's request for a higher authorized ROE will allow the Company to continue to attract capital dollars that are needed to invest in the necessary infrastructure to safely and reliably serve its customers and growing communities moving forward.

B. Wholesale Distribution Tariff for Energy Storage Resources (Batteries)

The Company is proposing to implement a new wholesale distribution tariff for energy storage resources. This is needed because, under its current tariffs, the Company has no ability to charge these battery resources for their use of the distribution system. As a result, the costs to serve these battery resources at the distribution level are being subsidized by other customers. This fact has been recently recognized by the Commission. In the most recent base-rate case for Oncor Electric Delivery Company (Docket No. 53601), the Order on Rehearing at Finding of Fact No. 292 states:

> Providing delivery service to [Distribution Energy Storage Resources] DESRs imposes costs on Oncor's distribution system and failing to charge DESRs for their use of the system would shift those cost obligations onto other customers who would then be subsidizing the DESRs.

The Company's proposed tariff is consistent with that approved in the recent Oncor rate case. Company witnesses Earlyne Reynolds and Jennifer Jackson provide more detail for the costs

incurred and the proposed rate design for the wholesale distribution tariff for energy storage resources.

C. Self-Insurance Reserve

In Docket No. 49494, the Commission approved a self-insurance reserve plan for AEP Texas with an annual accrual of $4.27 million and a target reserve amount of $13.3 million in accordance with PURA § 36.064 and 16 TAC § 25.231(b)(1)(G). The purpose of AEP Texas' self-insurance reserve is to provide for occurrences resulting in storm-related operations and maintenance (O&M) losses to AEP Texas' T&D assets of at least $500,000. Capital-related storm costs are capitalized and recovered through Transmission Cost of Service (TCOS), Distribution Cost Recovery Factor (DCRF), or base-rate proceedings. Because of increasing storm related costs, in this case, AEP Texas is requesting approval of a self-insurance reserve target in the amount of $19.6 million and annual accrual of $19.12 million. AEP Texas witness Greg Wilson provides a complete explanation of the requested self-insurance reserve and the components comprising the proposed annual accrual.

D. Rate-Case Expenses

AEP Texas seeks recovery of the reasonable rate-case expenses, including expenses paid to reimburse intervening municipalities, that it incurs in this case and those rate-case expenses incurred in the following prior dockets:

- Docket No. 51984, AEP Texas' 2021 proceeding to amend its distribution cost recovery factor (DCRF);[5]
- Docket No. 53451, AEP Texas' 2022 proceeding to amend its DCRF;[6]

[5] *Application of AEP Texas Inc. to Amend its Distribution Cost Recovery Factor*, Docket No. 51984, Order at Finding of Fact No. 49 and Ordering Paragraph No. 6 (Nov. 19, 2021).

[6] *Application of AEP Texas Inc. to Amend its Distribution Cost Recovery Factor*, Docket No. 53451, Order at Finding of Fact No. 53 and Ordering Paragraph No. 6 (Aug. 4, 2022).

- Docket Nos. 54824 and 55187, AEP Texas' 2023 proceedings to amend its DCRF and implement a new rider to recover the costs associated with the leasing and operation of mobile temporary emergency electric energy (TEEE) facilities in accordance with PURA § 39.918;[7]

- Docket No. 55820, AEP Texas' second proceeding in 2023 to amend its DCRF;[8] and

- Docket No. 53267, AEP Texas' 2022 application for approval of a wholesale distribution distributed generation energy storage tariff.[9]

AEP Texas' proposal is consistent with the approach followed in recent rate cases, including Docket Nos. 53719 (ETI), 53601 (Oncor), and 51415 (SWEPCO). Furthermore, AEP Texas' proposal eliminates the need for a separate and likely costly rate-case expense review proceeding.[10]

AEP Texas has submitted, as exhibits to Mr. Chad Burnett's direct testimony, detailed information regarding and documentation supporting the reasonableness of AEP Texas' actual, unrecovered rate-case expenses that: (1) have been incurred during the preparation of this case and recorded to AEP Texas' books and records as of January 31, 2024; and (2) were incurred to prosecute the prior dockets identified above. AEP Texas will supplement these exhibits to reflect its actual expenses for this case as such expenses are incurred. AEP Texas witness Mark Santos further addresses the reasonableness of the Company's requested rate-case expenses.

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[7] *Application of AEP Texas Inc. to Amend its Distribution Cost Recovery Factor and Implement Rider Mobile Temporary Emergency Electric Energy Facilities*, Order at Finding of Fact No. 46 and Ordering Paragraph No. 7 (Sept. 14, 2023). Ultimately, issues related to AEP Texas's requested mobile TEEE facilities rider were severed in Docket No. 55187. For efficiency, AEP Texas's unrecovered rate-case expenses for Docket No. 54824 include expenses associated with Docket No. 55187. *See Review of AEP Texas. Inc. Request to Implement Rider Mobile Temporary Emergency Electric Energy (TEEE) Facilities*, Docket No. 55187, Order at Finding of Fact No. 34 and Ordering Paragraph No. 5 (Oct. 12, 2023).

[8] *Application of AEP Texas Inc. to Amend its Distribution Cost Recovery Factor*, Docket No. 55820, Order at Finding of Fact No. 47 and Ordering Paragraph No. 6 (Feb. 1, 2024).

[9] *Application of AEP Texas Inc. for Approval of Wholesale Distribution Service Distributed Generation Energy Storage Tariff*, Docket No. 53267 (Feb. 24, 2022) (pending).

[10] The Commission has noted that severing rate-case expenses to be reviewed in a separate proceeding often takes years to finalize, causing inter-generational cost-causation and recovery issues for customers and uncertainty for utilities. *See Review of Rate Case Expenses Incurred by Southwestern Electric Power Company and Municipalities in PUC Docket No. 46449*, PUC Docket No. 47141, Open Meeting Tr. At 38 (Jul. 18, 2019).

AEP Texas proposes that the Commission: (1) review and determine the reasonableness of its actual rate-case expenses incurred in this proceeding before an agreed cut-off date; and (2) authorize recovery of any expenses found to have been reasonably incurred through AEP Texas' Rate-Case Expense Rider (RCE Rider). With regard to the reasonableness and recovery of rate-case expenses associated with this proceeding that are incurred after the date covered by final update prior to the cut-off date, AEP Texas proposes that these trailing expenses be recorded as a regulatory asset and deferred for consideration in a future rate proceeding.

VIII. IMPACT OF PROPOSED RATE CHANGE ON VARIOUS CLASSES

A. Retail Base Rates

The impact of AEP Texas' proposed rate change by customer class is shown in the following table:

RATE CHARGES				
CLASS	CHARGES*	PRESENT RATES	PROPOSED RATES	BILLING UNIT
RESIDENTIAL	CUSTOMER CHARGE	$1.40	$1.33	per customer
	METERING CHARGE	$3.39	$2.10	per customer
	DISTRIBUTION SERVICE CHARGE	$0.021791	$0.036129	per kWh
SECONDARY =<10 kW	CUSTOMER CHARGE	$1.40	$1.52	per customer
	METERING CHARGE	$4.39	$3.84	per customer
	DISTRIBUTION SERVICE CHARGE	$0.021093	$0.027085	per kWh
SECONDARY >10kW 4CP	CUSTOMER CHARGE	$2.02	$2.26	per customer
	METERING CHARGE	$12.67	$20.42	per customer
	DISTRIBUTION SERVICE CHARGE	$4.869	$7.455	per kW
SECONDARY >10kW NCP	CUSTOMER CHARGE	$2.02	$2.26	per customer
	METERING CHARGE	$12.67	$20.42	per customer
	DISTRIBUTION SERVICE CHARGE	$4.869	$7.455	per kW
PRIMARY 4CP	CUSTOMER CHARGE	$7.35	$2.30	per customer
	METERING CHARGE	$126.87	$183.15	per customer
	DISTRIBUTION SERVICE CHARGE	$3.112	$4.978	per kW
PRIMARY NCP	CUSTOMER CHARGE	$7.35	$2.30	per customer
	METERING CHARGE	$126.87	$183.15	per customer
	DISTRIBUTION SERVICE CHARGE	$3.112	$4.978	per kW
TRANSMISSION	CUSTOMER CHARGE	$7.48	$2.27	per customer
	METERING CHARGE	$761.50	$1,363.07	per customer
	DISTRIBUTION SERVICE CHARGE	$0.2490	$0.1523	per kW
LIGHTING	CUSTOMER CHARGE	$1.40	$1.52	per customer

	FIXTURES REVENUES	$16,659,304	$21,658,229	All Fixtures
	DISTRIBUTION SERVICE CHARGE	$0.021093	$0.027085	per kWh
WDS BESS	CUSTOMER CHARGE	$0.00	$21.27	per customer
	METERING CHARGE	$0.00	$183.15	per customer
	DISTRIBUTION SERVICE CHARGE	$0.00	$2.40	per kW

*Transmission Service Charges are recovered through Rider TCRF

If approved and implemented through the Company's proposed rates for Retail Delivery Service, the impact on a residential customer using 1,000 kilowatt-hours (kWh) per month would be an increase of approximately $4.89 or 14.1% per month. As explained by AEP Texas witness Linda M. Schlessman, AEP Texas is requesting to institute an Income Tax Refund (ITR) rider to return tax benefits associated with the Tax Basis Balance Sheet (TBBS). The approval of the proposed refund would reduce the impact of the proposed rates on the above-described residential customer to an increase of $4.59 or 13.24% per month. After the TCRF and other rider revenues are considered, this $4.59 increase represents a 9.16% increase in distribution rates for a residential customer in AEP Texas' North Division using 1,000 kWh/month. Finally, as noted by Company witness Talavera, customers in AEP Texas' Central Division customers are currently charged "Transition Charges" associated with stranded costs. The one remaining Transition Charge billed to Central Division customers, Rider Transition Charge-3 (TC-3), expires in December 2024. Considering the expiration of TC-3, as well as the TCRF and other rider revenues, the impact of the proposed rate change on a residential customer using 1,000 kWh/month in AEP Texas' Central Division would be an increase of just $2.11 or 3.9%.

B. Wholesale Transmission Service Rates

This application seeks an increase to AEP Texas' transmission cost of service of approximately $63.1 million. The result of AEP Texas' proposal is to change the wholesale transmission service rate from $8.857090/kW to $8.873192/kW using the 4CP filed by Staff on

February 21, 2024 in Docket No. 56050, *Commission Staff's Petition to Set 2024 Wholesale Transmission Service Charges for the Electric Reliability Council of Texas*.

IX. SUPPORTING DOCUMENTATION

AEP Texas has made its filing consistent with the Commission's required RFP and the requirements of 16 TAC § 22.243. AEP Texas has also pre-filed supporting direct testimony, consistent with 16 TAC § 22.225(a)(6), from the following witnesses:

	Subject	Witness	Description of Testimony
1.	Policy and Overview	Judith E. Talavera	Ms. Talavera presents the AEP Texas rate case application and discusses some of the challenges and opportunities experienced since the previous rate case, including an unprecedented amount of load growth that has come with support of the growing Texas economy. Further, she discusses the rate relief requested and impact on customers.
2.	Policy, Affiliate Expenses and Rate Case Expenses	Chad Burnett	Mr. Burnett introduces proposals for regulatory approval supported by various witnesses. Mr. Burnett also discusses AEP Texas affiliate expenses related to legal, regulatory, and environmental services and supports AEP Texas' rate-case expenses.
3.	Cost of Service and Rate Base	Tiffany Day	Ms. Day presents AEP Texas' requested total company cost of service and associated RFP schedules.
4.	Pro Forma Accounting Adjustments	Aaron Thomas	Mr. Thomas describes various pro forma accounting adjustments.
5.	Catastrophe Reserve	Greg Wilson	Mr. Wilson discusses AEP Texas' approach to the use of a Catastrophe Reserve.
6.	Lead-Lag Study	Jay Joyce	Mr. Joyce sponsors the results of the lead-lag study for measuring the cash working capital allowance required for AEP Texas' operations.
7.	Cost of Common Equity	Ann Bulkley	Ms. Bulkley presents her recommended return on equity.

	Subject	Witness	Description of Testimony
8.	Capital Structure and Overall Cost of Capital	Noah Hollis	Mr. Hollis supports the calculations of AEP Texas' cost of debt as well as AEP Texas' overall capital structure. He further discusses AEP Texas' financial condition and the implementation of ring-fencing measures from the AEP Texas' prior rate case.
9.	Credit Rating	Todd Shipman	Mr. Shipman discusses AEP Texas' requested capital structure from the perspective of credit rating agencies and investors.
10.	Service Reliability, Affiliate Distribution Costs, Distribution Capital Additions	Jeff Stracener	Mr. Stracener discusses AEP Texas' performance with respect to various reliability and quality of service measures. He also supports the reasonableness and necessity of AEP Texas' overall and affiliate O&M costs for distribution services, as well as distribution capital additions.
11.	Overall and Affiliate Transmission O&M Costs	K. Shawn Robinson	Mr. Robinson discusses AEP's transmission organization and operations. He supports AEP Texas' overall and affiliate O&M costs for transmission services.
12.	Transmission Capital Additions – Need	Jeffrey L. Ellis	Mr. Ellis supports the need for and cost of AEP Texas' transmission capital additions.
13.	Transmission Capital Additions – Cost	Thomas W. Reynolds, III	Mr. Reynolds supports the reasonableness of the cost of AEP Texas' transmission capital investments included in Schedule M of the rate filing package.

	Subject	Witness	Description of Testimony
14.	AEP Texas External Affairs and Corporate Communications, Affiliate External Affairs, Grid Solutions and Government Affairs, Corporate Communications, and Customer Operations O&M Costs, and Advertising, Contributions and Memberships	Gilbert Hughes	Mr. Hughes discusses AEP Texas' External Affairs and Corporate Communications organizations and the services they provide. He also discusses AEPSC's External Affairs, Grid Solutions and Government Affairs, Corporate Communications, and Customers Operations organizations and demonstrates the reasonableness and necessity of the affiliate charges billed to AEP. He supports the advertising costs, contributions, and membership dues requested in this case.
15.	Depreciation	Jason Cash	Mr. Cash discusses the depreciation study overview, the study methods and procedures, and the study results.
16.	Federal and State Income Taxes and Tax-Related Adjustments	Linda Schlessman	Ms. Schlessman discusses AEP Texas' Federal Income Taxes included in its cost of service and describes the RFP's tax schedules. She also addresses accumulated deferred income tax (ADFIT), the corporate alternative minimum tax (CAMT) created by the Inflation Reduction Act, and certain inputs to the proposed ITR Rider.
17.	AEPSC and Affiliate Transactions	Brian Frantz	Mr. Frantz discusses AEPSC and the corporate support services it provides. He describes AEPSC's internal controls, billing and cost allocation methods, and how they assure that AEP Texas is charged reasonable and necessary costs for affiliate services. He also provides supporting testimony regarding the reasonableness and necessity of the Chief Financial Officer, Chief Executive Officer, Internal Support, and AEPSC Incentives classes of AEPSC affiliate costs. He explains the allocation factors used to bill the various affiliate classes of cost to support the conclusion that AEP Texas is charged affiliate costs by AEPSC that are no higher than those billed to other AEP affiliates.

	Subject	Witness	Description of Testimony
18.	Necessity of AEPSC Services and Charges, AEPSC Budgeting Processes, and Cost Allocation	Patrick Baryenbruch	Mr. Baryenbruch presents an independent assessment of the reasonableness and necessity of the services provided to AEP Texas by AEPSC, and the associated costs. This assessment includes review of the necessity and benefit of AEPSC services, the appropriateness of AEPSC allocation factors, and the reasonableness of AEPSC and AEP Texas costs.
19.	Human Resources Organization and Affiliate Charges	Mary Catherine Grayem	Ms. Grayem describes AEPSC Human Resources and discusses the services provided by the AEPSC Human Resources Department. She supports the reasonableness and necessity of the Human Resource Department affiliate charges to AEP Texas.
20.	Employee Compensation & Benefit Plans	Andrew Carlin	Mr. Carlin describes the reasonableness and market competitiveness of the AEP compensation plan and the salary and incentive compensation levels for AEP Texas and AEPSC, and supports a pro forma adjustment made by Mr. Thomas for base pay increases effective in 2024. Mr. Carlin also describes and supports the reasonableness of the benefit plans for AEP Texas and AEPSC employees.
21.	Supply Chain, Fleet, Property Management Affiliate Charges	Brian Steinke	Mr. Steinke describes the services provided by the AEP Supply Chain, Fleet, Property Management Department. He supports the reasonableness and necessity of AEP Texas' costs for these services.
22.	Real Estate and Workplace Services Affiliate Charges	Kweku Ofei-Amoh	Mr. Ofei-Amoh describes the services provided by AEPSC Real Estate and Workplace Services. He supports the reasonableness and necessity of AEP Texas' affiliate costs for these services.

	Subject	Witness	Description of Testimony
23.	Technology and Security Organization and Affiliate Charges	Joe Brenner	Mr. Brenner describes the AEP Technology and Security organization and the services provided. He supports the reasonableness and necessity of AEP Texas' Technology and Security affiliate costs. He also provides testimony describing Technology and Security-related capital additions since AEP Texas' last base rate case and supporting the reasonableness of those capital costs.
24.	Energy Forecast and Weather Normalization; Load Research Schedule Sponsorship	Trenton Feasel	Mr. Feasel presents the weather normalization processes used in forecasting and supports several associated schedules. Mr. Feasel also sponsors various schedules related to load and demand.
25.	Cost of Service Study	Earlyne Reynolds	Ms. Reynolds presents and supports AEP Texas' class cost-of-service study. She also supports the pro forma adjustments made to the test year customer, revenue, and sales volume data.
26.	Rate Design and Tariff Riders	Jennifer Jackson	Ms. Jackson presents AEP Texas' retail class rate design.
27.	Tariff Issues/Rate Design	Gricelda Calzada	Ms. Calzada discusses and supports various changes to the Company's Retail Tariff.
28.	Rate-Case Expenses	Mark Santos	Mr. Santos addresses the reasonableness of the rate-case expenses that have been and will be incurred by AEP Texas to litigate this rate case and in certain prior rate proceedings.

X. EFFECTIVE DATE

AEP Texas proposes the requested rate change become effective 35 days after the filing of this petition as allowed under PURA § 36.102 and 16 TAC § 22.243(a).

XI. REQUEST FOR APPROVAL TO CONTINUE COMPETITIVE ENERGY SERVICE OFFERING

AEP Texas is requesting two things regarding facilities rental services. First, AEP Texas is requesting to continue the provision of facilities rental services to existing Distribution Voltage Facilities Rental customers leasing facilities under tariff schedules 6.1.2.3.4, 6.1.3.3.4 and 6.1.4.3.4, as updated in this proceeding, pursuant to 16 TAC § 25.343(d)(1). Second, AEP Texas is requesting a good-cause exception to the application of 16 TAC § 25.343(d)(1)(c)(ii) to allow the Company to provide facilities rental services under rates approved in this case through the effective date of new rates approved in its next base-rate case.

The Company's provision of facilities rental services to retail customers is considered a competitive energy service (CES) under the Commission's rules.[11] Under the Commission's rules, an electric utility ordinarily may not offer a CES. But under 16 TAC § 25.343(d)(1), an electric utility may petition the Commission for authority to provide to its Texas customers or some subset of its customers any service otherwise identified as a CES. This is exactly what AEP Texas has done and the Commission has approved with regard to the Company's facilities rental services tariff schedules. The current Distribution Voltage Facilities Rental tariff schedules (6.1.2.3.4, 6.1.3.3.4 and 6.1.4.3.4), were most recently extended in Docket No. 54196, in accordance with 16 TAC § 25.343(d)(1). In that case, the Commission approved an extension of the facilities rental services under these tariff schedules through April 3, 2026.

[11] Under 16 TAC § 25.341(3), "competitive energy services" are defined as: "Customer energy services business activities that are capable of being provided on a competitive basis in the retail market." Examples of competitive energy services include, but are not limited to the marketing, sale, design, construction, installation, or retrofit, financing, operation and maintenance, warranty and repair of, or consulting with respect to: transformation equipment, power-generation equipment, protection equipment, or other electric apparatus and infrastructure located on the customer's side of the point of delivery that is owned by the customer or by a third-party entity that is not an electric utility, except as provided by 16 TAC § 25.343(f) and (g). 16 TAC § 25.341(3)(F).

Under 16 TAC § 25.343(d)(1)(c)(ii), a utility's petition to offer a CES terminates three years from the date the petition is granted by the Commission. Consequently, AEP Texas has filed stand-alone cases to renew the tariffs in between base-rate filings.[12] To avoid this inefficient use of resources, AEP Texas is requesting a good-cause exception to the application of 16 TAC § 25.343(d)(1)(c)(ii). Effectively, if approved, the requested good-cause exception will allow the Company to extend the effective date of its existing tariff schedules through the effective date of the tariffs approved in its next comprehensive rate case.

XII. PROPOSED REVISIONS OF TARIFFS AND SCHEDULES

AEP Texas is proposing revisions to its Tariff for Retail Delivery Service (Retail Tariff). A copy of the proposed revised Retail Tariff is included as Exhibit JLJ-2 to AEP Texas witness Jackson's testimony. The Company's rate design proposal also includes support for existing AEP Texas Service Riders. Finally, in addition to the tariff proposals described above, AEP Texas is proposing the following changes to its Retail Tariff:

- continuation of the Distribution Voltage Facilities Rental Service tariff schedules (Sections 6.1.2.3.4, 6.1.3.3.4, and 6.1.4.3.4), including the Company's request for a good-cause exception to the Commission's rule requiring AEP Texas to obtain the Commission's approval to provide these services every three years;[13]
- addition of a Miscellaneous Fee (Sections 6.1.2.3.14, 6.1.3.3.14, and 6.1.4.3.14).
- inclusion of a Retail Customer-Owned Substation Agreement in the Company Specific Agreements and Forms section of the Retail Tariff (Section 6.3.4.6).
- addition of clarifying language to the pulse metering equipment installation agreement (Section 6.3.4.3).
- removal the following expired riders from the Retail Tariff: Transition Charge-2 (TC-2), Sharyland Transition Credit (STC), Texas North Transmission Credit (TNTC), Capital Reconciliation Rider (CRR), Rider Advanced Metering System

[12] Typically, a utility only files a rate case once every four years. *See* 16 TAC § 25.247(b)(1).

[13] 16 TAC § 25.343(d)(1)(C)(ii).

Cost Recovery Fee (AMSCRF), and Electricity Relief Program Fund (ERP-COVID 19) riders (Section 6.1.1.1);

- removal of Company rate codes from the Lighting Service Tariff and addition of language closing the installation of High Pressure/Low Pressure sodium lighting fixtures to new installations for the Lighting Service Tariff (Sections 6.1.1.1.6.1, 6.1.1.1.6.2, and 6.1.1.1.6.3).
- addition of clarifying language to the distribution line extension provisions of the Retail Tariff (Sections 6.1.2.2.1, 6.1.3.2.1 and 6.1.4.2.1);
- revisions to the Transmission Voltage Service section of the Retail Tariff to address load shed related issues (Section 6.1.1.1.5); and
- addition of the WDS BESS rate schedule.

XIII. REQUESTED PROTECTIVE ORDER

AEP Texas requests that the Presiding Officer assigned to this case issue a protective order in the form provided as Appendix B to this Petition and Section VII to the RFP to govern review and use of confidential, proprietary, and market-sensitive information. The proposed protective order provided as Appendix B is identical to the Commission's Standard Protective Order.

AEP Texas requests that the Presiding Officer consider this request for issuance of a protective order on an expedited basis. Pending approval of the protective order, AEP Texas will offer access to confidential and highly sensitive information to eligible requesting parties who execute the protective order certification. The confidential and highly sensitive information will also be made available at the Austin offices of AEP Texas to those eligible parties who execute the protective order certification, which is included as Attachment A to the proposed protective order. Also attached to the proposed protective order is AEP Texas' initial Statement Under Section 4 of the Protective Order and List of Confidential/Highly Sensitive Information, which provides a list of documents accompanying the RFP that AEP Texas considers confidential or highly sensitive information entitled to protection under the proposed protective order.

XIV. NOTICE

On January 24, 2024, pursuant to PURA § 33.024, AEP Texas provided notice of its intent to file a Statement of Intent to all municipalities with original jurisdiction over the Company's rates and services.

In accordance with 16 TAC § 22.51(a)(1), AEP Texas will publish notice of this application once a week for four consecutive weeks prior to the effective date of the proposed rate change, in newspapers that have general circulation in each county containing territory in AEP Texas' service area that will be affected by the proposed rate change. A copy of the notice is included as Appendix C to this petition.

In accordance with 16 TAC § 22.51(a)(2), AEP Texas will mail notice of its intent to change rates to all of its affected customers in substantially the same form as that included in Appendix C. Because AEP Texas does not have any end-use customers, this notice will be directed to each REP registered to provide service in Texas, and all entities listed in the Commission's transmission matrix in Docket No. 56050, *Commission Staff's Petition to Set 2024 Wholesale Transmission Service Charges for the Electric Reliability Council of Texas.*

AEP Texas will deliver a copy of this petition to the appropriate officer of each affected municipality in its service territory in compliance with 16 TAC § 22.51(a)(3).

Finally, AEP Texas will provide notice of this filing, in substantially the same form as that included in Appendix C, to each party in AEP Texas' last rate case, Docket No. 49494.

XV. EXPEDITED REFERRAL TO STATE OFFICE OF ADMINISTRATIVE HEARINGS

AEP Texas Inc. requests that this proceeding promptly be referred to the State Office of Administrative Hearings (SOAH) for establishment of a procedural schedule. Under PURA § 36.154, the Commission is required to render a final determination not later than the 185th day

after the date AEP Texas files its rate-filing package, which was filed concurrent with this petition. In order to meet that deadline, AEP Texas requests that this proceeding be transferred to SOAH for establishment of a procedural schedule.

XVI. PRAYER FOR RELIEF

AEP Texas requests that the Commission approve the rates requested in this petition and grant AEP Texas such other relief to which it has shown itself entitled.

Respectfully submitted,

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By: _____
William Coe

ATTORNEYS FOR AEP TEXAS INC.

DOCKET NO. 56165

APPLICATION OF AEP TEXAS INC.	**§**	**BEFORE THE**
FOR AUTHORITY TO CHANGE	**§**	**PUBLIC UTILITY COMMISSION**
RATES	**§**	**OF TEXAS**

MUNICIPALITIES IN AEP TEXAS' SERVICE TERRITORY

A. AEP Texas Central Division

Abram-Perezville
Adams Garden
Agua Dulce
Alamo
Alice
Alleyton
Alton
Aransas Pass
Asherton
Austwell *
Banquete
Barksdale
Bay City
Bayside
Bayview
Beeville
Belmont
Benavides
Berclair
Big Wells
Bishop
Blessing
Blewett
Bloomington
Bluetown
Brackettville
Brownsville
Bruni
Camp Wood
Carrizo Springs
Catarina
Chapman Ranch
Charlotte
Christine *
Columbus
Combes
Crystal City
Dacosta
Del Rio
Derby
Devine
Dilley *
Donna
Driscoll
Eagle Lake
Eagle Pass
Edcouch
Edinburg
Edna
Edroy
El Campo
El Cenizo *
El Indio
El Maton
Elsa
Encinal *
Encino
Escobares
Falfurrias *
Freer
Fronton
Fulton
Ganado
Garwood
George West
Gillett
Glidden
Goliad
Granjeno
Gregory
Guadalupe
Hargill
Hillje
Indian Lake
Inez
Ingleside
Ingleside on the Bay
Jourdanton *
Karnes City
Kenedy
Kingsville
Knippa
La Blanca
La Casita-Garciasville
La Feria
La Grulla *
La Joya
La Pryor
La Villa
Laguna Heights
Laguna Vista
Lake City *
Lakeside *
Lamar
Laredo
Laureles
Leakey
Leesville
Leming
Long Mott
Los Ebanos
Los Fresnos
Los Indios
Louise
Lozano
Luling
Lyford
Lytle

Comstock
Concepcion
Corpus Christi
Cotulla *
Matthews
McAllen
Mercedes
Midfield
Millett
Mirando City
Mission
Monte Alto
Moore
Nada
Natalia *
Nixon
Nordheim
Normandy
Normanna
Oakville
Odem
Oilton
Olmito
Orange Grove
Palacios
Palm Valley
Palmhurst *
Palmview
Pawnee
Pearsall
Penitas
Pernitas Point *
Petronila
Pettus
Pharr
Placedo
Pleasanton
Point Comfort *
Harlingen
Havana
Hebbronville
Hidalgo
Port Aransas
Port Isabel
Port Lavaca
Port Mansfield
Portland
Poteet
Premont *
Primera
Progreso
Progreso Lakes
Quemado
Rabb
Ramireno
Ramirez
Rancho Viejo
Raymondville
Realitos
Refugio
Ricardo
Rio Bravo *
Rio Grande City
Rio Hondo
Rios
Rivera
Rockport
Rocksprings
Roma-Los Saenz
Runge
Sabinal
San Benito
San Carlos
San Diego
San Juan
San Patricio *
Madero
Markham
Matagorda
Mathis
San Perlita *
San Ygnacio
Sandia
Santa Maria
Santa Monica
Santa Rosa
Seadrift *
Sebastian
Seco Mines
Sejita
Seven Sisters
Sinton
Skidmore
Smiley
South Padre Island
Spofford *
Sullivan City
Taft
Three Rivers
Tivoli
Tuleta
Tulsita
Tynan
Uvalde
Victoria
Violet
Wadsworth
Weesatche
Weslaco
Westhoff
Winter Haven
Woodsboro
Yorktown
Zapata

All communities are in the State of Texas
* Original jurisdiction ceded to the Public Utility Commission of Texas by the city.

B. AEP Texas North Division

Abilene
Acme *
Afton *
Albany *
Alpine *
Anson *
Aspermont *
Avoca *
Baird *
Bakersfield *
Ballinger *
Balmorhea *
Barnhart *
Benjamin
Best *
Big Lake
Blackwell *
Bradshaw *
Bronte *
Buffalo Gap *
Burkett *
Caps *
Carlsbad *
Childress
Chillicothe *
Christoval *
Cisco
Clyde *
Cross Cut *
Cross Plains *
Crowell *
Dickens *
Eden
Eldorado *
Elliot *
Elton *
Eola *
Eula *
Farmers Valley *
Flomot *
Fort Chadbourne *
Fort Davis *
Gasoline *
Girard *
Girvin *
Glenn *
Goodlett *
Goree *
Grayback *
Hamlin *
Harrold *
Haskell *
Hatchell *
Hawley
Hefner *
Impact *
Imperial *
Iraan *
Jayton *
Junction *
Kirkland *
Knickerbocker *
Knox City
Lawn *
Lockett *
Longworth *
Lueders *
Marathon *
Marfa *
Margaret *
Matador *
May *
McAdoo *
McCamey *
McCaulley *
Medicine Mound *
Melvin *
Menard *
Mereta *
Merkel *
Mertzon *
Miles *
Moran *
Munday
Nimrod *
Noodle *
Norton *
O'Brien *
Odell *
Oklaunion *
Old Glory *
Ovalo *
Ozona *
Paducah
Paint Rock *
Peacock *
Pioneer *
Potosi *
Presidio *
Putnam
Quanah
Quitaque *
Rankin *
Rayland *
Redford *
Rising Star *
Roaring Springs *
Robert Lee *
Roby *
Rochelle *
Rochester
Rotan *
Rowena *
Royston *
Rule *
Sagerton *
San Angelo
Santa Anna *
Saragosa *
Scranton *
Sedwick *
Shafter *
Sheffield *
Sherwood *
Sonora
Spur *
Stamford
Sterling City *
Swenson *
Sylvester *
Talpa *
Tankersley *
Thalia *
Throckmorton *
Toyahvale *
Trent *
Truscott *
Turkey *
Tuscola *
Tye *
Valentine *
Valera *
Veribest *
Vernon
View *
Wall *
Water Valley *
Weinert *
Whiteland *
Wilmeth *
Wingate *
Winters
Woodson *

* Original jurisdiction ceded to the Public Utility Commission of Texas by the city.

DOCKET NO. 56165

APPLICATION OF AEP TEXAS INC. FOR AUTHORITY TO CHANGE RATES	**§ § §**	**BEFORE THE PUBLIC UTILITY COMMISSION OF TEXAS**

PROTECTIVE ORDER

This Protective Order shall govern the use of all information deemed confidential (Protected Materials) or highly confidential (Highly Sensitive Protected Materials), including information whose confidentiality is currently under dispute, by a party providing information to the Public Utility Commission of Texas (Commission) or to any other party to this proceeding.

It is ORDERED that:

1. **Designation of Protected Materials**. Upon producing or filing a document, including, but not limited to, records on a computer disk or other similar electronic storage medium in this proceeding, the producing party may designate that document, or any portion of it, as confidential pursuant to this Protective Order by typing or stamping on its face "PROTECTED PURSUANT TO PROTECTIVE ORDER ISSUED IN DOCKET NO. 56165" (or words to this effect) and consecutively Bates Stamping each page. Protected Materials and Highly Sensitive Protected Materials include the documents so designated, as well as the substance of the information contained in the documents and any description, report, summary, or statement about the substance of the information contained in the documents.

2. **Materials Excluded from Protected Materials Designation**. Protected Materials shall not include any information or document contained in the public files of the Commission or any other federal or state agency, court, or local governmental authority subject to the Public Information Act.[14] Protected Materials also shall not include documents or information which at the time of, or prior to disclosure in, a proceeding is or was public knowledge, or which becomes public knowledge other than through disclosure in violation of this Protective Order.

[14] TEX. GOV'T CODE ANN. §§ 552.001-552.353 (Vernon 2004 & Supp. 2008).

3. **Reviewing Party**. For the purposes of this Protective Order, a "Reviewing Party" is any party to this docket.

4. **Procedures for Designation of Protected Materials**. On or before the date the Protected Materials or Highly Sensitive Protected Materials are provided to the Commission, the producing party shall file with the Commission and deliver to each party to the proceeding a written statement, which may be in the form of an objection, indicating: (a) any exemptions to the Public Information Act claimed to apply to the alleged Protected Materials; (b) the reasons supporting the producing party's claim that the responsive information is exempt from public disclosure under the Public Information Act and subject to treatment as protected materials; and (c) that counsel for the producing party has reviewed the information sufficiently to state in good faith that the information is exempt from public disclosure under the Public Information Act and merits the Protected Materials designation.

5. **Persons Permitted Access to Protected Materials**. Except as otherwise provided in this Protective Order, a Reviewing Party may access Protected Materials only through its "Reviewing Representatives" who have signed the Protective Order Certification Form (see Attachment A). Reviewing Representatives of a Reviewing Party include its counsel of record in this proceeding and associated attorneys, paralegals, economists, statisticians, accountants, consultants, or other persons employed or retained by the Reviewing Party and directly engaged in this proceeding. At the request of the PUC Commissioners, copies of Protected Materials may be produced by Commission Staff. The Commissioners and their staff shall be informed of the existence and coverage of this Protective Order and shall observe the restrictions of the Protective Order.

6. **Highly Sensitive Protected Material Described**. The term "Highly Sensitive Protected Materials" is a subset of Protected Materials and refers to documents or information that a producing party claims is of such a highly sensitive nature that making copies of such documents or information or providing access to such documents to employees of the Reviewing Party (except as specified herein) would expose a producing party to unreasonable risk of harm. Highly Sensitive Protected Materials include but are not limited

to: (a) customer-specific information protected by § 32.101(c) of the Public Utility Regulatory Act;[15] (b) contractual information pertaining to contracts that specify that their terms are confidential or that are confidential pursuant to an order entered in litigation to which the producing party is a party; (c) market-sensitive fuel price forecasts, wholesale transactions information and/or market-sensitive marketing plans; and (d) business operations or financial information that is commercially sensitive. Documents or information so classified by a producing party shall bear the designation "HIGHLY SENSITIVE PROTECTED MATERIALS PROVIDED PURSUANT TO PROTECTIVE ORDER ISSUED IN DOCKET NO. 56165" (or words to this effect) and shall be consecutively Bates Stamped. The provisions of this Protective Order pertaining to Protected Materials also apply to Highly Sensitive Protected Materials, except where this Protective Order provides for additional protections for Highly Sensitive Protected Materials. In particular, the procedures herein for challenging the producing party's designation of information as Protected Materials also apply to information that a producing party designates as Highly Sensitive Protected Materials.

7. **Restrictions on Copying and Inspection of Highly Sensitive Protected Material**. Except as expressly provided herein, only one copy may be made of any Highly Sensitive Protected Materials except that additional copies may be made to have sufficient copies for introduction of the material into the evidentiary record if the material is to be offered for admission into the record. The Reviewing Party shall maintain a record of all copies made of Highly Sensitive Protected Material and shall send a duplicate of the record to the producing party when the copy or copies are made. The record shall specify the location and the person possessing the copy. Highly Sensitive Protected Material shall be made available for inspection only at the location or locations provided by the producing party, except as specified by Paragraph 9. Limited notes may be made of Highly Sensitive Protected Materials, and such notes shall themselves be treated as Highly Sensitive Protected Materials unless such notes are limited to a description of the document and a

[15] Public Utility Regulatory Act, TEX. UTIL. CODE ANN. §§ 11.001-66.016 (Vernon 2007 & Supp. 2008) (PURA).

general characterization of its subject matter in a manner that does not state any substantive information contained in the document.

8. **Restricting Persons Who May Have Access to Highly Sensitive Protected Material**. With the exception of Commission Staff, the Office of the Attorney General (OAG), and the Office of Public Utility Counsel (OPC), and except as provided herein, the Reviewing Representatives for the purpose of access to Highly Sensitive Protected Materials may be persons who are (a) outside counsel for the Reviewing Party, (b) outside consultants for the Reviewing Party working under the direction of Reviewing Party's counsel or, (c) employees of the Reviewing Party working with and under the direction of Reviewing Party's counsel who have been authorized by the presiding officer to review Highly Sensitive Protected Materials. The Reviewing Party shall limit the number of Reviewing Representatives that review Highly Sensitive Protected Materials to the minimum number of persons necessary. The Reviewing Party is under a good faith obligation to limit access to each portion of any Highly Sensitive Protected Materials to two Reviewing Representatives whenever possible. Reviewing Representatives for Commission Staff, OAG, and OPC, for the purpose of access to Highly Sensitive Protected Materials, shall consist of their respective counsel of record in this proceeding and associated attorneys, paralegals, economists, statisticians, accountants, consultants, or other persons employed or retained by them and directly engaged in these proceedings.

9. **Copies Provided of Highly Sensitive Protected Material**. A producing party shall provide one copy of Highly Sensitive Protected Materials specifically requested by the Reviewing Party to the person designated by the Reviewing Party who must be a person authorized to review Highly Sensitive Protected Material under Paragraph 8. Representatives of the Reviewing Party who are authorized to view Highly Sensitive Protected Material may review the copy of Highly Sensitive Protected Materials at the office of the Reviewing Party's representative designated to receive the information. Any Highly Sensitive Protected Materials provided to a Reviewing Party may not be copied except as provided in Paragraph 7. The restrictions contained herein do not apply to

Commission Staff, OPC, and the OAG when the OAG is a representing a party to the proceeding.

10. **Procedures in Paragraphs 10-14 Apply to Commission Staff, OPC, and the OAG and Control in the Event of Conflict**. The procedures in Paragraphs 10 through 14 apply to responses to requests for documents or information that the producing party designates as Highly Sensitive Protected Materials and provides to Commission Staff, OPC, and the OAG in recognition of their purely public functions. To the extent the requirements of Paragraphs 10 through 14 conflict with any requirements contained in other paragraphs of this Protective Order, the requirements of these Paragraphs shall control.

11. **Copy of Highly Sensitive Protected Material to be Provided to Commission Staff, OPC and the OAG**. When, in response to a request for information by a Reviewing Party, the producing party makes available for review documents or information claimed to be Highly Sensitive Protected Materials, the producing party shall also deliver one copy of the Highly Sensitive Protected Materials to the Commission Staff, OPC, and the OAG (if the OAG is representing a party) in Austin, Texas. Provided however, that in the event such Highly Sensitive Protected Materials are voluminous, the materials will be made available for review by Commission Staff, OPC, and the OAG (if the OAG is representing a party) at the designated office in Austin, Texas. The Commission Staff, OPC and the OAG (if the OAG is representing a party) may request such copies as are necessary of such voluminous material under the copying procedures specified herein.

12. **Delivery of the Copy of Highly Sensitive Protected Material to Commission Staff and Outside Consultants**. The Commission Staff, OPC, and the OAG (if the OAG is representing a party) may deliver the copy of Highly Sensitive Protected Materials received by them to the appropriate members of their staff for review, provided such staff members first sign the certification specified by Paragraph 15. After obtaining the agreement of the producing party, Commission Staff, OPC, and the OAG (if the OAG is representing a party) may deliver the copy of Highly Sensitive Protected Materials received by it to the agreed, appropriate members of their outside consultants for review, provided such outside consultants first sign the certification in Attachment A.

13. **Restriction on Copying by Commission Staff, OPC and the OAG**. Except as allowed by Paragraph 7, Commission Staff, OPC and the OAG may not make additional copies of the Highly Sensitive Protected Materials furnished to them unless the producing party agrees in writing otherwise, or, upon a showing of good cause, the presiding officer directs otherwise. Commission Staff, OPC, and the OAG may make limited notes of Highly Sensitive Protected Materials furnished to them, and all such handwritten notes will be treated as Highly Sensitive Protected Materials as are the materials from which the notes are taken.

14. **Public Information Requests**. In the event of a request for any of the Highly Sensitive Protected Materials under the Public Information Act, an authorized representative of the Commission, OPC, or the OAG may furnish a copy of the requested Highly Sensitive Protected Materials to the Open Records Division at the OAG together with a copy of this Protective Order after notifying the producing party that such documents are being furnished to the OAG. Such notification may be provided simultaneously with the delivery of the Highly Sensitive Protected Materials to the OAG.

15. **Required Certification**. Each person who inspects the Protected Materials shall, before such inspection, agree in writing to the following certification found in Attachment A to this Protective Order:

> I certify my understanding that the Protected Materials are provided to me pursuant to the terms and restrictions of the Protective Order in this docket, and that I have been given a copy of it and have read the Protective Order and agree to be bound by it. I understand that the contents of the Protected Materials, any notes, memoranda, or any other form of information regarding or derived from the Protected Materials shall not be disclosed to anyone other than in accordance with the Protective Order and unless I am an employee of the Commission or OPC shall be used only for the purpose of the proceeding in Docket No. 56165. I acknowledge that the obligations imposed by this certification are pursuant to such Protective Order. Provided, however, if the information contained in the Protected Materials is obtained from independent public sources, the understanding stated herein shall not apply.

In addition, Reviewing Representatives who are permitted access to Highly Sensitive Protected Material under the terms of this Protective Order shall, before inspection of such material, agree in writing to the following certification found in Attachment A to this Protective Order:

> I certify that I am eligible to have access to Highly Sensitive Protected Material under the terms of the Protective Order in this docket.

The Reviewing Party shall provide a copy of each signed certification to Counsel for the producing party and serve a copy upon all parties of record.

16. **Disclosures between Reviewing Representatives and Continuation of Disclosure Restrictions after a Person is no Longer Engaged in the Proceeding**. Any Reviewing Representative may disclose Protected Materials, other than Highly Sensitive Protected Materials, to any other person who is a Reviewing Representative provided that, if the person to whom disclosure is to be made has not executed and provided for delivery of a signed certification to the party asserting confidentiality, that certification shall be executed prior to any disclosure. A Reviewing Representative may disclose Highly Sensitive Protected Material to other Reviewing Representatives who are permitted access to such material and have executed the additional certification required for persons who receive access to Highly Sensitive Protected Material. In the event that any Reviewing Representative to whom Protected Materials are disclosed ceases to be engaged in these proceedings, access to Protected Materials by that person shall be terminated and all notes, memoranda, or other information derived from the protected material shall either be destroyed or given to another Reviewing Representative of that party who is authorized pursuant to this Protective Order to receive the protected materials. Any person who has agreed to the foregoing certification shall continue to be bound by the provisions of this Protective Order so long as it is in effect, even if no longer engaged in these proceedings.

17. **Producing Party to Provide One Copy of Certain Protected Material and Procedures for Making Additional Copies of Such Materials**. Except for Highly Sensitive Protected Materials, which shall be provided to the Reviewing Parties pursuant to Paragraphs 9, and

voluminous Protected Materials, the producing party shall provide a Reviewing Party one copy of the Protected Materials upon receipt of the signed certification described in Paragraph 15. Except for Highly Sensitive Protected Materials, a Reviewing Party may make further copies of Protected Materials for use in this proceeding pursuant to this Protective Order, but a record shall be maintained as to the documents reproduced and the number of copies made, and upon request the Reviewing Party shall provide the party asserting confidentiality with a copy of that record.

18. **Procedures Regarding Voluminous Protected Materials**. 16 Tex. Admin. Code § 22.144(h) will govern production of voluminous Protected Materials. Voluminous Protected Materials will be made available in the producing party's voluminous room, in Austin, Texas, or at a mutually agreed upon location, Monday through Friday, 9:00 a.m. to 5:00 p.m. (except on state or Federal holidays), and at other mutually convenient times upon reasonable request.

19. **Reviewing Period Defined**. The Protected Materials may be reviewed only during the Reviewing Period, which shall commence upon entry of this Protective Order and continue until the expiration of the Commission's plenary jurisdiction. The Reviewing Period shall reopen if the Commission regains jurisdiction due to a remand as provided by law. Protected materials that are admitted into the evidentiary record or accompanying the evidentiary record as offers of proof may be reviewed throughout the pendency of this proceeding and any appeals.

20. **Procedures for Making Copies of Voluminous Protected Materials**. Other than Highly Sensitive Protected Materials, Reviewing Parties may take notes regarding the information contained in voluminous Protected Materials made available for inspection or they may make photographic, mechanical or electronic copies of the Protected Materials, subject to the conditions in this Protective Order; provided, however, that before photographic, mechanical or electronic copies may be made, the Reviewing Party seeking photographic, mechanical or electronic copies must provide written confirmation of the receipt of copies listed on Attachment B of this Protective Order identifying each piece of Protected Materials or portions thereof the Reviewing Party will need.

21. **Protected Materials to be Used Solely for the Purposes of These Proceedings**. All Protected Materials shall be made available to the Reviewing Parties and their Reviewing Representatives solely for the purposes of these proceedings. Access to the Protected Materials may not be used in the furtherance of any other purpose, including, without limitation: (a) any other pending or potential proceeding involving any claim, complaint, or other grievance of whatever nature, except appellate review proceedings that may arise from or be subject to these proceedings; or (b) any business or competitive endeavor of whatever nature. Because of their statutory regulatory obligations, these restrictions do not apply to Commission Staff or OPC.

22. **Procedures for Confidential Treatment of Protected Materials and Information Derived from Those Materials**. Protected Materials, as well as a Reviewing Party's notes, memoranda, or other information regarding or derived from the Protected Materials are to be treated confidentially by the Reviewing Party and shall not be disclosed or used by the Reviewing Party except as permitted and provided in this Protective Order. Information derived from or describing the Protected Materials shall be maintained in a secure place and shall not be placed in the public or general files of the Reviewing Party except in accordance with the provisions of this Protective Order. A Reviewing Party must take all reasonable precautions to insure that the Protected Materials including notes and analyses made from Protected Materials that disclose Protected Materials are not viewed or taken by any person other than a Reviewing Representative of a Reviewing Party.

23. **Procedures for Submission of Protected Materials**. If a Reviewing Party tenders for filing any Protected Materials, including Highly Sensitive Protected Materials, or any written testimony, exhibit, brief, motion or other type of pleading or other submission at the Commission or before any other judicial body that quotes from Protected Materials or discloses the content of Protected Materials, the confidential portion of such submission shall be filed and served in sealed envelopes or other appropriate containers endorsed to the effect that they contain Protected Material or Highly Sensitive Protected Material and are sealed pursuant to this Protective Order. If filed at the Commission, such documents shall be marked "PROTECTED MATERIAL" and shall be filed under seal with the

presiding officer and served under seal to the counsel of record for the Reviewing Parties. The presiding officer may subsequently, on his/her own motion or on motion of a party, issue a ruling respecting whether or not the inclusion, incorporation or reference to Protected Materials is such that such submission should remain under seal. If filing before a judicial body, the filing party: (a) shall notify the party which provided the information within sufficient time so that the producing party may seek a temporary sealing order; and (b) shall otherwise follow the procedures in Rule 76a, Texas Rules of Civil Procedure.

24. **Maintenance of Protected Status of Materials during Pendency of Appeal of Order Holding Materials are not Protected Materials**. In the event that the presiding officer at any time in the course of this proceeding finds that all or part of the Protected Materials are not confidential or proprietary, by finding, for example, that such materials have entered the public domain or materials claimed to be Highly Sensitive Protected Materials are only Protected Materials, those materials shall nevertheless be subject to the protection afforded by this Protective Order for three (3) full working days, unless otherwise ordered, from the date the party asserting confidentiality receives notice of the presiding officer's order. Such notification will be by written communication. This provision establishes a deadline for appeal of a presiding officer's order to the Commission. In the event an appeal to the Commissioners is filed within those three (3) working days from notice, the Protected Materials shall be afforded the confidential treatment and status provided in this Protective Order during the pendency of such appeal. Neither the party asserting confidentiality nor any Reviewing Party waives its right to seek additional administrative or judicial remedies after the Commission's denial of any appeal.

25. **Notice of Intent to Use Protected Materials or Change Materials Designation**. Parties intending to use Protected Materials shall notify the other parties prior to offering them into evidence or otherwise disclosing such information into the record of the proceeding. During the pendency of Docket No. 56165 at the Commission, in the event that a Reviewing Party wishes to disclose Protected Materials to any person to whom disclosure is not authorized by this Protective Order, or wishes to have changed the designation of certain information or material as Protected Materials by alleging, for example, that such

information or material has entered the public domain, such Reviewing Party shall first file and serve on all parties written notice of such proposed disclosure or request for change in designation, identifying with particularity each of such Protected Materials. A Reviewing Party shall at any time be able to file a written motion to challenge the designation of information as Protected Materials.

26. **Procedures to Contest Disclosure or Change in Designation**. In the event that the party asserting confidentiality wishes to contest a proposed disclosure or request for change in designation, the party asserting confidentiality shall file with the appropriate presiding officer its objection to a proposal, with supporting affidavits, if any, within five (5) working days after receiving such notice of proposed disclosure or change in designation. Failure of the party asserting confidentiality to file such an objection within this period shall be deemed a waiver of objection to the proposed disclosure or request for change in designation. Within five (5) working days after the party asserting confidentiality files its objection and supporting materials, the party challenging confidentiality may respond. Any such response shall include a statement by counsel for the party challenging such confidentiality that he or she has reviewed all portions of the materials in dispute and, without disclosing the Protected Materials, a statement as to why the Protected Materials should not be held to be confidential under current legal standards, or that the party asserting confidentiality for some reason did not allow such counsel to review such materials. If either party wishes to submit the material in question for in camera inspection, it shall do so no later than five (5) working days after the party challenging confidentiality has made its written filing.

27. **Procedures for Presiding Officer Determination Regarding Proposed Disclosure or Change in Designation**. If the party asserting confidentiality files an objection, the appropriate presiding officer will determine whether the proposed disclosure or change in designation is appropriate. Upon the request of either the producing or Reviewing Party or upon the presiding officer's own initiative, the presiding officer may conduct a prehearing conference. The burden is on the party asserting confidentiality to show that such proposed disclosure or change in designation should not be made. If the presiding

officer determines that such proposed disclosure or change in designation should be made, disclosure shall not take place earlier than three (3) full working days after such determination unless otherwise ordered. No party waives any right to seek additional administrative or judicial remedies concerning such presiding officer's ruling.

28. **Maintenance of Protected Status during Periods Specified for Challenging Various Orders**. Any party electing to challenge, in the courts of this state, a Commission or presiding officer determination allowing disclosure or a change in designation shall have a period of ten (10) days from: (a) the date of an unfavorable Commission order; or (b) if the Commission does not rule on an appeal of an interim order, the date an appeal of an interim order to the Commission is overruled by operation of law, to obtain a favorable ruling in state district court. Any party challenging a state district court determination allowing disclosure or a change in designation shall have an additional period of ten (10) days from the date of the order to obtain a favorable ruling from a state appeals court. Finally, any party challenging a determination of a state appeals court allowing disclosure or a change in designation shall have an additional period of ten (10) days from the date of the order to obtain a favorable ruling from the state supreme court, or other appellate court. All Protected Materials shall be afforded the confidential treatment and status provided for in this Protective Order during the periods for challenging the various orders referenced in this paragraph. For purposes of this paragraph, a favorable ruling of a state district court, state appeals court, Supreme Court or other appellate court includes any order extending the deadlines in this paragraph.

29. **Other Grounds for Objection to Use of Protected Materials Remain Applicable**. Nothing in this Protective Order shall be construed as precluding any party from objecting to the use of Protected Materials on grounds other than confidentiality, including the lack of required relevance. Nothing in this Protective Order constitutes a waiver of the right to argue for more disclosure, provided, however, that unless the Commission or a court orders such additional disclosure, all parties will abide by the restrictions imposed by the Protective Order.

30. **Protection of Materials from Unauthorized Disclosure**. All notices, applications, responses or other correspondence shall be made in a manner which protects Protected Materials from unauthorized disclosure.

31. **Return of Copies of Protected Materials and Destruction of Information Derived from Protected Materials**. Following the conclusion of these proceedings, each Reviewing Party must, no later than thirty (30) days following receipt of the notice described below, return to the party asserting confidentiality all copies of the Protected Materials provided by that party pursuant to this Protective Order and all copies reproduced by a Reviewing Party, and counsel for each Reviewing Party must provide to the party asserting confidentiality a letter by counsel that, to the best of his or her knowledge, information, and belief, all copies of notes, memoranda, and other documents regarding or derived from the Protected Materials (including copies of Protected Materials) that have not been so returned, if any, have been destroyed, other than notes, memoranda, or other documents which contain information in a form which, if made public, would not cause disclosure of the substance of Protected Materials. As used in this Protective Order, "conclusion of these proceedings" refers to the exhaustion of available appeals, or the running of the time for the making of such appeals, as provided by applicable law. If, following any appeal, the Commission conducts a remand proceeding, then the "conclusion of these proceedings" is extended by the remand to the exhaustion of available appeals of the remand, or the running of the time for making such appeals of the remand, as provided by applicable law. Promptly following the conclusion of these proceedings, counsel for the party asserting confidentiality will send a written notice to all other parties, reminding them of their obligations under this Paragraph. Nothing in this Paragraph shall prohibit counsel for each Reviewing Party from retaining two (2) copies of any filed testimony, brief, application for rehearing, hearing exhibit or other pleading which refers to Protected Materials provided that any such Protected Materials retained by counsel shall remain subject to the provisions of this Protective Order.

32. **Applicability of Other Law**. This Protective Order is subject to the requirements of the Public Information Act, the Open Meetings Act,[16] the Texas Securities Act[17] and any other applicable law, provided that parties subject to those acts will notify the party asserting confidentiality, if possible under those acts, prior to disclosure pursuant to those acts. Such notice shall not be required where the Protected Materials are sought by governmental officials authorized to conduct a criminal or civil investigation that relates to or involves the Protected Materials, and those governmental officials aver in writing that such notice could compromise the investigation and that the governmental entity involved will maintain the confidentiality of the Protected Materials.

33. **Procedures for Release of Information under Order**. If required by order of a governmental or judicial body, the Reviewing Party may release to such body the confidential information required by such order; provided, however, that: (a) the Reviewing Party shall notify the producing party of the order requiring the release of such information within five (5) calendar days of the date the Reviewing Party has notice of the order; (b) the Reviewing Party shall notify the producing party at least five (5) calendar days in advance of the release of the information to allow the producing party to contest any release of the confidential information; and (c) the Reviewing Party shall use its best efforts to prevent such materials from being disclosed to the public. The terms of this Protective Order do not preclude the Reviewing Party from complying with any valid and enforceable order of a state or federal court with competent jurisdiction specifically requiring disclosure of Protected Materials earlier than contemplated herein. The notice specified in this section shall not be required where the Protected Materials are sought by governmental officials authorized to conduct a criminal or civil investigation that relates to or involves the Protected Materials, and those governmental officials aver in writing that such notice could compromise the investigation and that the governmental entity involved will maintain the confidentiality of the Protected Materials.

[16] TEX. GOV'T CODE ANN. § 551.001-551.146 (Vernon 2004 & Supp. 2008).
[17] TEX. REV. CIV. STAT. ANN. arts. 581-1 to 581-43 (Vernon 1964 & Supp. 2008).

34. **Best Efforts Defined**. The term "best efforts" as used in the preceding paragraph requires that the Reviewing Party attempt to ensure that disclosure is not made unless such disclosure is pursuant to a final order of a Texas governmental or Texas judicial body, the written opinion of the Texas Attorney General sought in compliance with the Public Information Act, or the request of governmental officials authorized to conduct a criminal or civil investigation that relates to or involves the Protected Materials. The Reviewing Party is not required to delay compliance with a lawful order to disclose such information but is simply required to timely notify the party asserting confidentiality, or its counsel, that it has received a challenge to the confidentiality of the information and that the Reviewing Party will either proceed under the provisions of §552.301 of the Public Information Act, or intends to comply with the final governmental or court order. Provided, however, that no notice is required where the Protected Materials are sought by governmental officials authorized to conduct a criminal or civil investigation that relates to or involves the Protected Materials, and those governmental officials aver in writing that such notice could compromise the investigation and that the governmental entity involved will maintain the confidentiality of the Protected Materials.

35. **Notify Defined**. "Notify" for purposes of Paragraphs 32, 33 and 34 means written notice to the party asserting confidentiality at least five (5) calendar days prior to release; including when a Reviewing Party receives a request under the Public Information Act. However, the Commission, OAG, or OPC may provide a copy of Protected Materials to the Open Records Division of the OAG as provided herein.

36. **Requests for Non-Disclosure**. If the producing party asserts that the requested information should not be disclosed at all, or should not be disclosed to certain parties under the protection afforded by this Protective Order, the producing party shall tender the information for in camera review to the presiding officer within ten (10) calendar days of the request. At the same time, the producing party shall file and serve on all parties its argument, including any supporting affidavits, in support of its position of non-disclosure. The burden is on the producing party to establish that the material should not be disclosed. The producing party shall serve a copy of the information under the classification of Highly

Sensitive Protected Material to all parties requesting the information that the producing party has not alleged should be prohibited from reviewing the information.

Parties wishing to respond to the producing party's argument for non-disclosure shall do so within five working days. Responding parties should explain why the information should be disclosed to them, including why disclosure is necessary for a fair adjudication of the case if the material is determined to constitute a trade secret. If the presiding officer finds that the information should be disclosed as Protected Material under the terms of this Protective Order, the presiding officer shall stay the order of disclosure for such period of time as the presiding officer deems necessary to allow the producing party to appeal the ruling to the Commission.

37. **Sanctions Available for Abuse of Designation**. If the presiding officer finds that a producing party unreasonably designated material as Protected Material or as Highly Sensitive Protected Material, or unreasonably attempted to prevent disclosure pursuant to Paragraph 36, the presiding officer may sanction the producing party pursuant to 16 TAC § 22.161.

38. **Modification of Protective Order**. Each party shall have the right to seek changes in this Protective Order as appropriate from the presiding officer.

39. **Breach of Protective Order**. In the event of a breach of the provisions of this Protective Order, the producing party, if it sustains its burden of proof required to establish the right to injunctive relief, shall be entitled to an injunction against such breach without any requirements to post bond as a condition of such relief. The producing party shall not be relieved of proof of any element required to establish the right to injunctive relief. In addition to injunctive relief, the producing party shall be entitled to pursue any other form of relief to which it is entitled.

ATTACHMENT A

Protective Order Certification

I certify my understanding that the Protected Materials are provided to me pursuant to the terms and restrictions of the Protective Order in this docket and that I have received a copy of it and have read the Protective Order and agree to be bound by it. I understand that the contents of the Protected Materials, any notes, memoranda, or any other form of information regarding or derived from the Protected Materials shall not be disclosed to anyone other than in accordance with the Protective Order and unless I am an employee of the Commission or OPC shall be used only for the purpose of the proceeding in Docket No. 56165. I acknowledge that the obligations imposed by this certification are pursuant to such Protective Order. Provided, however, if the information contained in the Protected Materials is obtained from independent public sources, the understanding stated here shall not apply.

Signature	Party Represented
Printed Name	Date

I certify that I am eligible to have access to Highly Sensitive Protected Material under the terms of the Protective Order in this docket.

Signature	Party Represented
Printed Name	Date

ATTACHMENT B

I request to view/copy the following documents:

Document Requested	# of Copies	Non-Confidential	Protected Materials and/or Highly Sensitive Protected Materials

Signature

Party Represented

Printed Name

Date

DOCKET NO. 56165

APPLICATION OF AEP TEXAS INC. FOR AUTHORITY TO CHANGE RATES	**§ § §**	**BEFORE THE PUBLIC UTILITY COMMISSION OF TEXAS**

STATEMENT UNDER SECTION 4 OF THE PROTECTIVE ORDER AND LIST OF CONFIDENTIAL/HIGHLY SENSITIVE INFORMATION

AEP Texas Inc.'s (AEP Texas) filing package includes customer specific information, confidential employee related information, proprietary information, commercially or competitively sensitive information, and/or trade secret information, or information whose public disclosure would be contrary to contractual obligations to which AEP Texas is bound. The public disclosure of this information would harm AEP Texas or third parties with whom AEP Texas must maintain an ongoing business relationship. Therefore, this information is protected under the Public Information Act, Tex. Gov't. Code §§ 552.101, 552.102, and 552.110, or Tex. Util. Code § 32.101(c). The following is a list of schedules, exhibits, and workpapers that include such information, along with the sponsoring witness, the designation of the information, and applicable legal exemption.

Confidential and Highly Sensitive Information

Witness	Exempt Material	Designation	Exempt Under Tex. Gov't Code
Chad Burnett	**Confidential WP 2 Exhibit CMB-2** **Confidential WP 3 Exhibit CMB-2**	**Confidential**	§552.110
Chad Burnett	**Schedule II-C-4**	**HIGHLY SENSITIVE**	§ 552.110

Aaron Thomas	**Schedule II-D-3.8.1 Attachment 1** **Schedule II-D-3.8.1 Attachment 2** **Schedule II-D-3.8.1 Attachment 3** **Schedule II-D-3.8.1 Attachment 4** **Schedule II-D-3.9.1 Attachment 1** **Schedule II-D-3.8.1 Attachment 2**	**HIGHLY SENSITIVE**	§§552.102, 552.110
Noah Hollis	**Schedule II-C-2.6** **Schedule II-C-2.7** **Schedule II-C-2.10**	**HIGHLY SENSITIVE**	§ 552.110
Andrew Carlin	**Exhibit ARC-14** **Exhibit ARC-15** **WP Exhibit ARC-4** **WP Exhibit ARC-5** **WP Exhibit ARC-6** **WP Exhibit ARC-7** **WP Schedule II-D-3-7-3** **WP Schedule II-D-3-10-2**	**Confidential**	§§552.102, 552.110
Andrew Carlin	**HS Workpapers**	**HIGHLY SENSITIVE**	§552.102, 552.110
Trenton Feasel	**Schedule II-H-2-2A** **Schedule II-H-2-2B** **Schedule II-H-2-2C** **Schedule II-H-2-2D**	**HIGHLY SENSITIVE**	§§ 552.101, 552.110; Tex. Util. Code § 32.101(c)
Pat Baryenbruch	**Confidential Workpapers**	**Confidential**	§552.110
Ann Bulkley	**Confidential Workpapers**	**Confidential**	§552.110

I certify that I have reviewed the information sufficiently to state in good faith that the Information is exempt from public disclosure under the Public Information Act or Tex. Util. Code § 32.101(c) and merits the applicable designation of Confidential (Protected) Materials or Highly Sensitive (Highly Sensitive Protected) Materials detailed in the Protective Order accompanying this Application.

Patrick Pearsall

Date: February 29, 2024

NOTICE OF RATE CHANGE REQUEST

AEP Texas Inc. (AEP Texas) publishes this notice that on February 29, 2024, AEP Texas filed with the Public Utility Commission of Texas (Commission) its Petition and Statement of Intent to Change Rates (the Petition), a copy of which is kept at AEP Texas' office at 400 W. 15th Street, Suite 1500, Austin, Texas, 78701. The Petition has been assigned Docket No. 56165. This notice is being published in accordance with 16 Tex. Admin. Code § 22.51(a)(1).

AEP Texas' Petition is based on the system-wide financial results for a 12-month test year ending on September 30, 2023, adjusted for known and measurable changes. Related to its distribution cost of service, the Company requests a rate increase of approximately $100.4 million over its adjusted test year revenues. This net change is a 13.1% increase over net present distribution revenues. When expected annualized Transmission Cost Recovery Factor revenues are included in the comparison to present revenues, the net increase to distribution cost-of-service is 8.4%. Related to its transmission cost of service, the Company requests a rate increase of $63.1 million above its adjusted test year revenues, an increase of 9.29%.

In addition to new rates, AEP Texas requests a prudency determination on all capital investment made to its system for the period from January 1, 2019, through September 30, 2023.

AEP Texas' Petition requests Commission approval to continue its offering of facilities rental services, as described in tariff schedules 6.1.2.3.6, 6.1.3.3.6, and 6.1.4.3.6, and a good-cause exception to the Commission's rule requiring AEP Texas to obtain the Commission's approval to provide these services every three years. If approved, the requested good-cause exception will allow the Company to extend the effective date of its existing tariff schedules through the effective date of the tariffs approved in its next comprehensive rate case.

Finally, AEP Texas requests recovery of its reasonable rate-case expenses associated with this proceeding and certain prior rate proceedings, including those expenses paid to reimburse municipalities for their participation.

If approved, the increased rates will be charged to AEP Texas' direct customers, all retail electric providers (REPs) in AEP Texas' service area, as well as the retail electric customers of those REPs. The extent to which the REPs pass along to their customers the increased retail rates is a function of the competitive market. In addition, AEP Texas' petition affects customers taking service under the Company's wholesale transmission rates.

AEP Texas has requested its proposed rate change become effective 35 days after the filing its Petition.

Persons who wish to intervene in or comment upon these proceedings, in Docket No. 56165, *Application of AEP Texas Inc. for Authority to Change Rates*, should notify the Commission as soon as possible, as an intervention deadline will be imposed. A request to intervene or for further information should be mailed to the Public Utility Commission of Texas, P. O. Box 13326, Austin, Texas 78711-3326. Further information may also be obtained by calling the Commission at (512) 936-7120 or (888) 782-8477. Hearing- and speech-impaired individuals

with text telephones (TTY) may contact the Commission at (512) 936-7136. The deadline for intervention in the proceeding is 45 days after the date the Petition was filed with the Commission.

DOCKET NO. 56165

PUBLIC UTILITY COMMISSION OF TEXAS

APPLICATION OF

AEP TEXAS INC.

FOR AUTHORITY TO CHANGE RATES

DIRECT TESTIMONY OF

JUDITH E. TALAVERA

FOR

AEP TEXAS INC.

FEBRUARY 2024

TESTIMONY INDEX

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EXHIBITS

EXHIBITS	DESCRIPTION
EXHIBIT JET-1	AEP Texas Witnesses - 2024 Texas Base Rate Case

GLOSSARY OF ACRONYMS

ADMS/DERMS	Advanced Distribution Management System/Distributed Energy Resource Management System
AEP	American Electric Power Company, Inc.
AEP Texas	AEP Texas Inc.
AEPSC	American Electric Power Service Corporation
Commission	Public Utility Commission of Texas
CPI	Consumer Price Index
DACR	Distribution Automation Circuit Reconfiguration
ERCOT	Electric Reliability Council of Texas
FFO	Funds from Operations
GRIP	Grid Resilience and Innovation Partnership
IIJA	Infrastructure Improvement and Jobs Act
ITR	Income Tax Refund
kWh	Kilo-watt Hour
REP	Retail Electric Provider
SCADA	Supervisory Control and Date Acquisition
STEM	Science, Technology, Engineering and Math
T&D	Transmission and Distribution
TBBS	Tax Basis Balance Sheet
TC	Transition Charges

I. INTRODUCTION

Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.

A. My name is Judith E. Talavera. My business address is 539 N. Carancahua, Corpus Christi, Texas 78401.

Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?

A. I am President and Chief Operating Officer of AEP Texas Inc. (AEP Texas or the Company). AEP Texas is a transmission & distribution (T&D) utility and a wholly owned subsidiary of American Electric Power Company, Inc. (AEP). AEP Texas operates exclusively within the borders of the Electric Reliability Council of Texas (ERCOT).

Q. WHAT ARE YOUR RESPONSIBILITIES AS PRESIDENT AND CHIEF OPERATING OFFICER OF AEP TEXAS?

A. I oversee the distribution operations of AEP Texas, which delivers electricity to approximately 1.1 million end-use customers in south and west Texas. I also oversee the Company's safety, customer services, communications, community affairs, governmental affairs, and regulatory functions. In addition, although the AEP Texas Transmission Organization is managed on an AEP enterprise-wide functional basis, I oversee financial matters concerning that organization's support of AEP Texas.

Q. PLEASE DESCRIBE YOUR EDUCATIONAL BACKGROUND AND JOB EXPERIENCE.

A. I received a Bachelor of Journalism from the University of Texas at Austin in 1996. Before joining AEP, I spent nearly eight years in the public policy arena working

for a state senator from the Houston area. In 2000, AEP hired me as a Manager of Government Affairs in their Texas State Office. In 2008, I became Director of Regulatory Services for AEP Texas.[1] In June 2016, I was promoted to my current position as President and Chief Operating Officer of AEP Texas.

Q. WHO ARE YOU TESTIFYING ON BEHALF OF IN THIS PROCEEDING?

A. I am testifying on behalf of AEP Texas Inc.

Q. HAVE YOU PREVIOUSLY TESTIFIED BEFORE THE PUBLIC UTILITY COMMISSION OF TEXAS (COMMISSION)?

A. Yes, I testified before the Commission in Docket No. 46050, *Application of AEP Texas Central Company, AEP Texas North Company, and AEP Utilities, Inc. for Approval of Merger,* Docket No. 46368, *Application of AEP Texas North Company for Regulatory Approvals Related to the Installation of Utility-Scale Battery Facilities*, Docket No. 48577, *Application of AEP Texas Inc. for Determination of System Restoration Costs*, and Docket No. 49494, *Application of AEP Texas Inc. for Authority to Change Rates.*

II. PURPOSE OF TESTIMONY AND FILING

Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?

A. My direct testimony supports the Company's request to change rates by providing a high-level introduction to AEP Texas and this rate case. My direct testimony will

[1] At that point, "AEP Texas" was the brand name for the jointly managed operations of AEP Texas Central Company and AEP Texas North Company, prior to the Commission's approval of their merger in Docket No. 46050.

discuss some of the challenges and opportunities we have experienced during the last four years since our previous rate case, including an unprecedented amount of load growth that has come with our support of the growing Texas economy. My testimony will identify some of the major drivers for the rate request, provide an overview of the relief requested, introduce the other witnesses, and provide a brief description of the subject matters in their testimony.

Q. WHY IS AEP TEXAS FILING THIS CASE AT THIS TIME?

A. There are several reasons AEP Texas is filing this case. Much has happened since AEP Texas filed its last base rate case in 2019. The world was beginning to respond to a global pandemic just as the Commission was issuing its final order in our last rate case. During that same year and following, the state experienced several extreme weather events, most notably Winter Storm Uri in February 2021.

AEP Texas has also experienced significant growth opportunities since the last base rate case. The State of Texas is fortunate to have a vibrant and diverse economy, and the AEP Texas service territory has been a key contributor to its recent economic growth. AEP Texas has experienced unprecedented growth, most recently hitting a year-over-year weather-normalized growth rate of 9% at the end of the Test Year. The commercial and industrial classes have been the primary drivers of this growth. New and existing businesses continue to find an attractive environment for growth and investment in the AEP Texas service territory, which has required AEP Texas to make significant investments in its transmission and distribution (T&D) system to support the expanding economy.

Between January 1, 2019 and September 30, 2023, AEP Texas invested more than $2 billion in distribution capital additions and $3 billion in transmission capital additions. This capital investment was necessary to address load changes of new and existing customers and allow AEP Texas to fulfill its obligations under PURA, the Commission's Substantive Rules, and its Commission-approved tariffs. In the face of this growth and investment it is important for AEP Texas to maintain and improve its financial profile. To achieve this objective, our rates must provide us with the opportunity to recover our reasonable costs of doing business and a competitive return on our investments in Texas. Maintaining and improving AEP Texas' financial profile is discussed at more length by AEP Texas witnesses Chad Burnett and Noah Hollis.

While unprecedented load growth and the resulting $5 billion in T&D investment play a significant role in the timing of this rate case, costs have been rising as well since AEP Texas' most recent rate case. Rising inflation has contributed to an increase in the cost of service. These higher costs are reflected in the Test Year cost of service and are discussed by several AEP Texas witnesses.

Since its most recent rate case, AEP Texas has provided safe and reliable service in the face of significant challenges and opportunities. Our company has and continues to respond to the changing environment. Customers' needs and expectations continue to evolve as new technology becomes available and there are increasing demands on the system. AEP Texas remains committed to providing them with the essential service we provide at an affordable cost.

Finally, while the timing of this filing is consistent with AEP Texas' commitment made in the settlement agreement adopted by the Commission in Docket No. 49494, much has changed for AEP Texas and customers since that time and a rate case is needed to better align rates with the current cost of providing safe and reliable service to customers.

III. AEP TEXAS OVERVIEW

Q. PLEASE DESCRIBE AEP TEXAS.

A. AEP Texas delivers electricity to approximately 1.1 million homes, businesses and industries across its nearly 100,000 square mile service territory in south and west Texas. It is headquartered in Corpus Christi, with regulatory and external affairs offices in Austin. Major cities served include Abilene, Corpus Christi, Harlingen, Laredo, McAllen, San Angelo, Vernon, and Victoria. AEP Texas builds, operates, maintains and repairs its transmission and distribution system, reads electric meters, and handles connections and disconnections as directed by the Retail Electric Providers (REPs) selling electricity to end-use customers. AEP Texas has nearly 45,000 miles of distribution lines and around 8,500 miles of transmission lines. Below is a map of the AEP Texas service territory.

Q. WILL YOU PLEASE DESCRIBE AEP TEXAS' SUPPORT FOR ITS COMMUNITIES?

A. AEP Texas employees are actively involved in their local Texas communities and participate in many civic organizations, helping to make their communities better places to live, work, and play. The Company is a financial supporter of non-profit organizations whose focus is improving quality of life and makes significant contributions to help improve education and health as well as support the economic vitality of the areas we serve. AEP Texas is proud to be a partner in education – through workshops, initiatives, and educational resources – to thousands of teachers and students, particularly in grades pre-K to 12, with a focus on Science, Technology, Engineering, and Math (STEM). Our employees also engage with numerous community stakeholders to teach the public about electrical safety.

Through our economic development efforts and in partnership with the communities we serve, AEP Texas strives to make certain our service territory remains vibrant and strong.

Q. PLEASE DESCRIBE AEP, AEPSC, AND THE SERVICES AEPSC PROVIDES TO AEP TEXAS FOR THE BENEFIT OF CUSTOMERS

A. AEP Texas is part of the AEP family of operating companies, collectively one of the largest electric utilities in the United States, delivering electricity to more than 5.6 million customers in eleven states. AEP's utility units operate as AEP Texas, Southwestern Electric Power Company (in Texas, Louisiana, and Arkansas), Public Service Company of Oklahoma, AEP Ohio, Appalachian Power (in Virginia, West Virginia, and Tennessee), Indiana Michigan Power, and Kentucky Power. Shared services are provided to AEP Texas and the other AEP operating companies through the American Electric Power Service Corporation (AEPSC).

AEPSC, a wholly owned subsidiary of AEP, provides utility support services such as engineering, financial, human resource, and accounting services, at cost, for all operating units within the AEP system. AEP Texas and the other AEP operating companies benefit from the use of services provided by AEPSC. Company witnesses Brian J. Frantz and Patrick L. Baryenbruch discuss the AEPSC services and billings in more detail. Additionally, individual Company witnesses support the reasonableness and necessity of various classes of AEPSC charges to AEP Texas.

Q. PLEASE INTRODUCE THE OTHER AEP TEXAS WITNESSES.

A. EXHIBIT JET-1 to this testimony identifies each AEP Texas witness and provides a brief description of the subject matters covered by that testimony.

IV. RESILIENCY AND RELIABILITY

Q. PLEASE DESCRIBE AEP TEXAS' APPROACH TO MAINTAINING AND IMPROVING SERVICE RELIABILITY.

A. Generally, AEP Texas' approach for improving system performance focuses on two areas: prevention and minimizing duration of outages. While the reliability of service is important, having a system in place that is resilient, particularly in light of the increase in extreme weather events is also a priority of AEP Texas. As the transmission and distribution utility with the largest coastal exposure in the state, AEP Texas is not a stranger to preparing for catastrophic weather events. I am proud of how our team has responded to some of the damaging weather events that have impacted our expansive service territory over the last four years. For example, in south Texas our teams worked quickly and safely to restore service despite the challenging circumstances of Hurricane Hanna making landfall during the COVID-19 pandemic in 2020. Winter Storm Uri presented its own unique challenges, but again, our employees were ready to respond when needed. Our system held up remarkably well during that winter event and our teams were focused on making sure customers had service restored as soon as possible after the load shed directive ended. More recently in 2023, a tornado devastated the town of Matador, Texas, and our team responded safely and quickly to restore service to

those impacted in less than 24 hours despite losing an entire substation as a result of the tornado.

AEP Texas is committed to providing safe and reliable electric service to the 1.1 million end-use customers in the AEP Texas service area. Through the use of existing programs that have proven to enhance reliability, as well as planned future programs to further improve the resiliency of our system, AEP Texas works to prevent and minimize service interruptions. AEP Texas' efforts to maintain and improve service reliability are discussed further in the testimonies of AEP Texas witnesses Jeffery Stracener and Jeffrey Ellis.

Q. HOW DID AEP TEXAS ADAPT DURING THE PANDEMIC TO CONTINUE TO PROVIDE RELIABLE SERVICE?

A. AEP Texas employees excel during challenges. They take a great deal of pride in the service they provide our customers and recognize the importance of having safe and reliable electricity. Working through the COVID-19 pandemic required many changes in the way we work, but our employees adjusted as necessary and persevered. AEP Texas had plans in place in case we had to maintain our operations with a significantly reduced workforce, but thankfully that did not happen. Safety is our most important value, and I am proud to say we had one of the best years in terms of safety performance during 2020. While many of our office personnel were able to work remotely from home during the height of the pandemic, our field employees continued working on the frontlines, ensuring our customers had the safe and reliable service they needed to continue their daily lives.

Q. HAVE INVESTMENTS IN RELIABILITY CONTRIBUTED TO THE EXPENDITURE OF SIGNIFICANT CAPITAL FUNDS?

A. Yes. AEP Texas is committed to providing safe, reliable, and affordable service to its customers. While the Company's overall approach is preventing interruptions in service, AEP Texas also invests in the system to minimize outages if they take place.

System hardening efforts to make specific areas across its service territory more storm resistant, adding distribution automation circuit reconfiguration (DACR) to modernize the system and make it capable of "self-healing" when a fault is detected, and increasingly using data analytics to help identify preventative maintenance opportunities are some of the initiatives AEP Texas has in place to maintain and improve system reliability. AEP Texas witnesses Jefferey Stracener and Jeffrey Ellis discuss efforts in more detail in their testimonies.

Q. THE FEDERAL GOVERNMENT MADE GRANT FUNDING AVAILABLE FOR ELECTRIC GRID IMPROVEMENTS THROUGH THE INFRASTRUCTURE IMPROVEMENT AND JOBS ACT (IIJA). HAS THE COMPANY FILED AN APPLICATION IN THIS PROGRAM?

A. Yes, the Company participated in applications for IIJA grant funding as a part of an application made by AEP Texas' parent company, American Electric Power Company (AEP). Specifically, AEP Texas Distribution was part of applications through the Department of Energy Funding Opportunity Announcement DE-FOA-0002740, otherwise known as Grid Resilience and Innovation Partnership (GRIP) Smart Grid Grants. AEP Texas was part of applications for:

- Undergrounding of specific existing distribution facilities
- Distribution Automation Circuit Reconfiguration (DACR)
- Expansion of Supervisory Control and Data Acquisition (SCADA) capabilities; and
- Development and implementation of an Advanced Distribution Management System/Distributed Energy Resource Management System (ADMS/DERMS)

Q. HAS AEP RECEIVED FUNDING THROUGH THIS GRANT PROGRAM?

A. Yes. AEP has been notified that it has received funding for the development and implementation of an ADMS/DERMS. This grant funding is further discussed by AEP Texas witness Stracener.

V. AEP TEXAS GROWTH AND INVESTMENT

Q. HOW HAS YOUR BUSINESS ENVIRONMENT CHANGED SINCE THE LAST BASE RATE CASE PROCEEDING?

A. While the mission to provide safe and reliable service to our customers and the communities we serve remains unchanged for AEP Texas, the business environment that AEP Texas serves in has changed dramatically since the test year of our last base rate case. As mentioned above, our state survived a catastrophic winter storm, a global pandemic, and a short but severe recession, which all led to a rapid increase in inflation and interest rates that have challenged AEP Texas financial position since the last case. At the same time, the AEP Texas service territory has experienced unprecedented growth as more businesses have expanded or selected the State of Texas for their business. The pipeline of future economic development projects has never been bigger, which will require additional capital

investment to meet the growing needs of our customers and the communities we serve. Additionally, customers' needs are increasingly dynamic and AEP Texas must be prepared to meet those changes.

Q. HAVE THESE CHALLENGES IMPACTED AEP TEXAS' CREDIT RATING?

A. It is important for AEP Texas to be a financially healthy utility to serve as the essential services provider we are to our communities. While we are able to utilize the cost recovery mechanisms available for capital investments, the reality is that the level of investment needed to address the growth AEP Texas is experiencing across its footprint and that is needed to invest in the reliability and resiliency of the system is significant. This puts pressure on AEP Texas' credit metrics and makes it very challenging for AEP Texas to earn its authorized ROE.

A recent credit opinion written by Fitch Ratings states, "As a result of AEPTX's lower equity capitalization and continued regulatory lag due to the service territory's high growth, AEPTX's FFO [Funds from Operations] leverage has declined significantly… Fitch expects parent AEP will only make equity infusions to maintain the regulatory capital structure as authorized, which will result in credit metrics lower than most 'BBB' rated utilities."

A similar recent opinion by Moody's Investors Service states, "The Texas regulatory framework provides timely rider recovery mechanisms for investment in transmission and distribution assets, which reduces regulatory lag and increases cash flow predictability, a credit positive. However, [AEP Texas] financial metrics have weakened materially since 2020, largely a result of the utility's unfavorable 2020 rate case outcome." Moody's goes on to mention that "More favorable

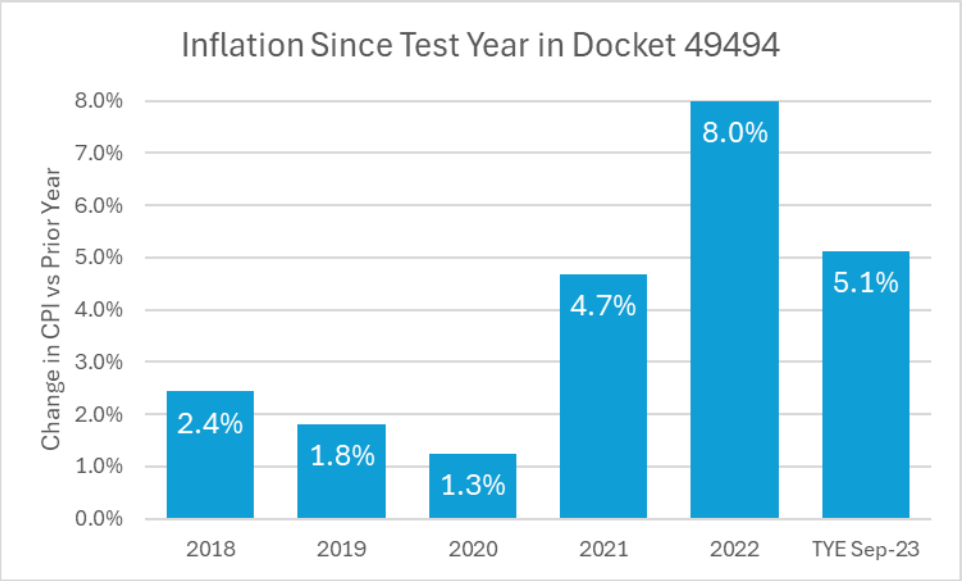
regulatory provisions, such as a higher authorized equity layer or return on equity, expense reductions, other operational improvements or a reduction in leverage…could put upward pressure on the rating."

Q. WHAT COULD THE EFFECTS BE IF AEP TEXAS' RATING WERE TO FALL?

Our bond rating is important to securing debt financing. If our rating were to fall, it would result in AEP Texas having to pay higher interest rates on debt. This would increase the cost of capital for investments made to serve the needs of our customers throughout our service territory, which would increase AEP Texas' cost of service and ultimately harm our customers. To prevent this from happening, we are seeking an authorized rate of return of 10.6% and an increase in the equity layer of the Company's capital structure to 45% equity financing with 55% debt financing as discussed in more detail by Company witnesses Burnett, Hollis, Buckley, and Shipman. Without adjustments to our ROE and capital structure AEP Texas may face challenges in attracting capital investment at a reasonable cost.

Q. HOW HAS INFLATION IMPACTED AEP TEXAS SINCE THE LAST BASE CASE?

A. Year-over-year inflation during the test year of our last base case (Docket No. 49494), as measured by the Consumer Price Index (CPI) was 2.4%. Year-over-year inflation for the test year in this case is more than double that at 5.1%.

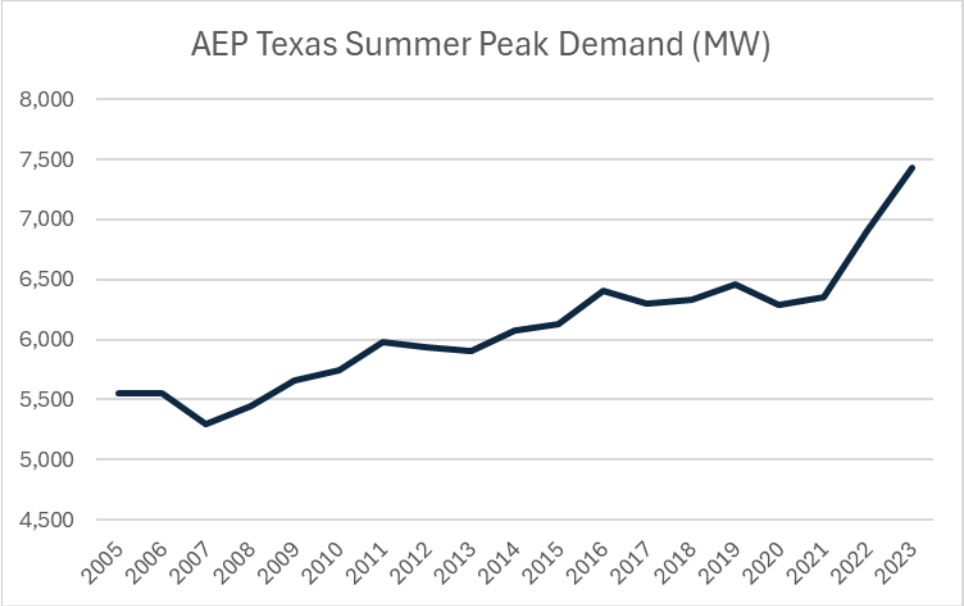


With higher inflation, the cost of serving our customers has also increased. Part of the request in this proceeding is to update our rates to capture the current costs of serving our customers. Several Company witnesses, including Stracener, Robinson, and T. Reynolds discuss the increasing costs in greater detail.

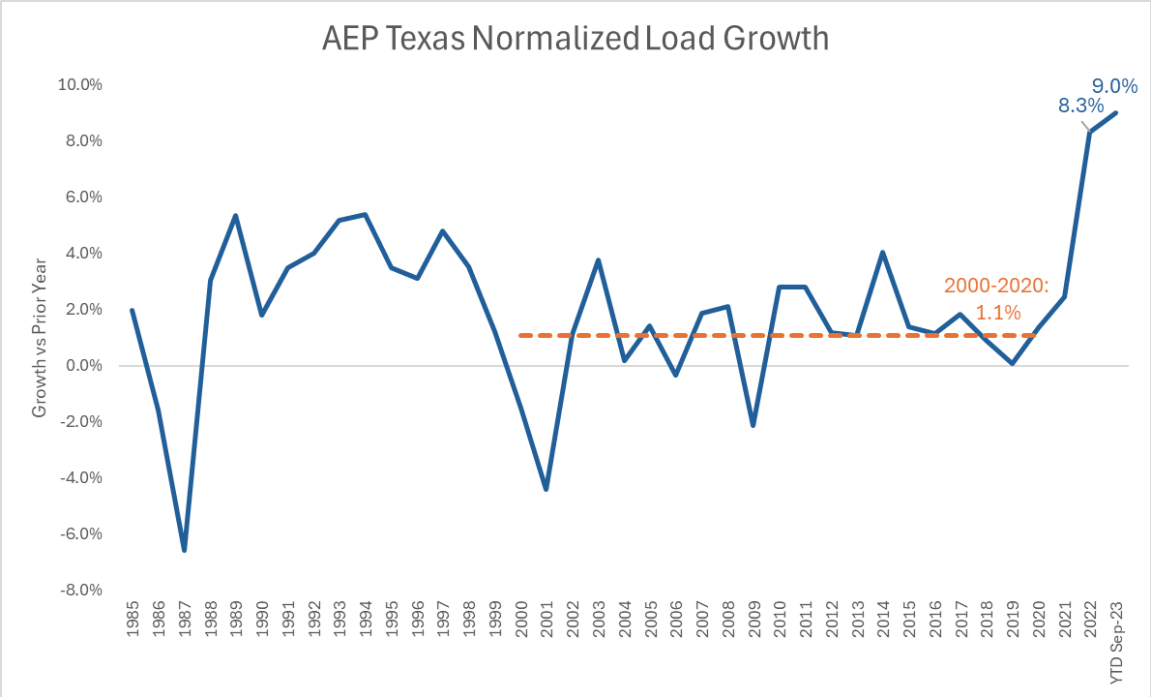
Q. CAN YOU DESCRIBE WHAT YOU MEANT BY 'UNPRECEDENTED LOAD GROWTH' EXPERIENCED BY AEP TEXAS SINCE THE LAST BASE RATE CASE?

A. Yes. As described above, AEP Texas has experienced significant growth since the last base case. For the last three consecutive summers (2021, 2022, & 2023) AEP Texas has set new all-time peak demand records. Over the previous decade (from 2011-2021), AEP Texas summer peak demand increased on average by 56 MW. Over the past two summers alone, AEP Texas' peak demand has gone up by well over 500 MW each year. In other words, our peak demand has grown more in the

last two years (> 1 GW) than it had in the previous twenty years. Today, the AEP Texas system peak demand is just under 7,500 MW.



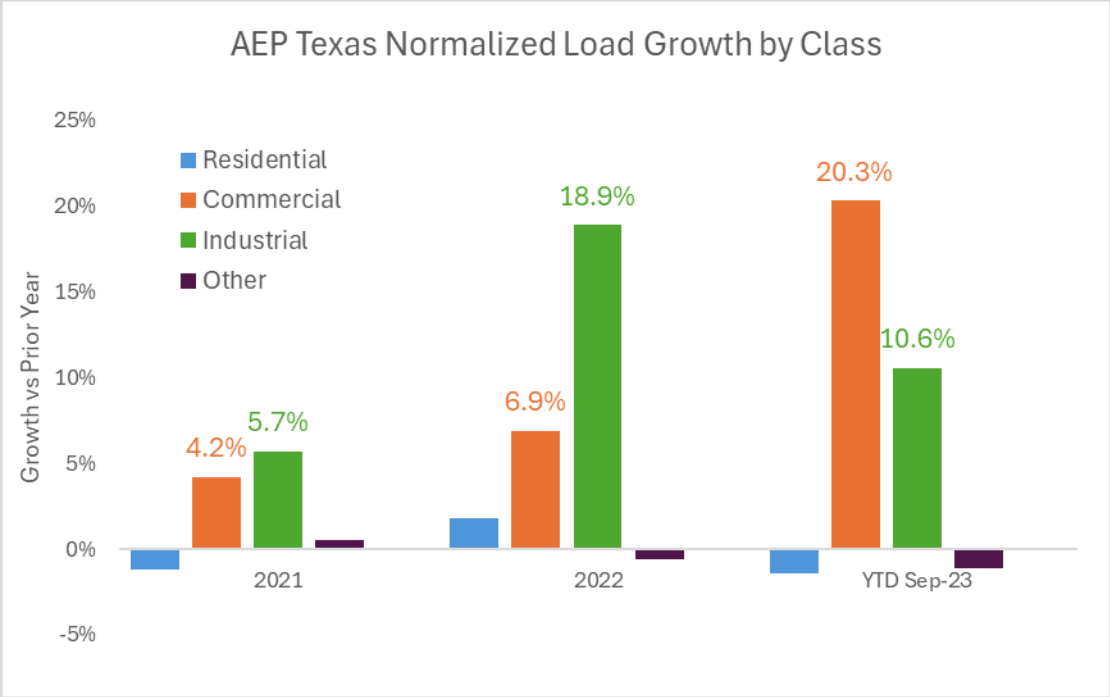
This unprecedented load growth is not just happening with the annual peak hour, but also with our energy (GWh) delivered over all 8,760 hours of the year. The chart below shows AEP Texas annual weather normalized energy delivered growth back to 1985 in the blue line. The orange dashed line shows energy delivered in the AEP Texas service territory grew on average by 1.1% per year from 2000 to 2020. In 2021, AEP Texas load increased by 8.3%, and through the end of the test year in 2023, AEP Texas load is up another 9.0% on top of the 2022 levels. In other words, the growth that we are experiencing today is nearly 9 times greater than what we have historically experienced.



Further, we continue to see new customers and industries looking to locate throughout the AEP Texas footprint. This should support continued load growth for years to come.

Q. IS ALL OF THIS LOAD GROWTH HAPPENING IN JUST ONE REGION, INDUSTRY, OR CUSTOMER CLASS?

A. No. We are seeing strong growth in our Commercial class from data centers and crypto mining facilities located primarily in west Texas. Our Industrial class sales are being led by growth in the oil & gas sectors, and Primary Metals manufacturing located in the Permian basin and around the coastal areas of the AEP Texas footprint. The chart below shows growth by class over the past several years.



Q. DOES SUPPORTING THIS GROWTH REQUIRE THE EXPENDITURE OF SIGNIFICANT CAPITAL FUNDS?

A. Yes. As noted above, AEP Texas has invested $5 billion in its T&D system since the close of our previous test year, and much of that capital has been to support the economic growth in the AEP Texas service territory. The Company also has invested in the reliability of its system, but has had to balance the increased investments needed to support new customers with incremental reliability projects. I would like to point out, however, that projects supporting new load and reliability projects are not necessarily mutually exclusive. Supporting new load often provides the Company with the opportunity to replace aging infrastructure at the same time, helping to maintain and improve reliability on our system. Our capital spending programs are further discussed by AEP Texas witnesses Stracener and Ellis.

Q. HOW HAVE SUPPLY CHAIN CONSTRAINTS IMPACTED AEP TEXAS OPERATIONS SINCE THE LAST BASE RATE CASE?

A. Supply chain constraints have been one of the most difficult challenges to manage over the past four years. Key commodities used on our system have seen substantial lead time increases. The growth AEP Texas is experiencing across its service territory has put additional pressure on the demand for more material. Longer delays and higher costs for products like transformers and breakers are discussed further by Company witnesses Stracener and Steinke.

VI. REQUESTED RATE RELIEF

Q. PLEASE DESCRIBE THE RATE INCREASE REQUESTED IN THIS FILING.

A. Related to its distribution cost of service, as discussed by AEP Texas witness Jennifer Jackson, the net change to distribution service billings is approximately $100.4 million over adjusted test year revenues. This net change is a 13.09% increase over net present distribution revenues. When expected annualized TCRF rider revenues are included in the comparison to present revenues, the $100.4 million net change is an 8.40% increase.

Related to its transmission cost of service, the Company requests a rate increase of $63.1 million above its adjusted test year revenues, an increase of 9.29%.

Q. IS THE DISTRIBUTION COST OF SERVICE INCREASE IDENTIFIED ABOVE NET OF THE PROPOSED INCOME TAX REFUND RIDER?

A. Yes. AEP Texas is requesting to institute an Income Tax Refund (ITR) rider to return tax benefits associated with the Tax Basis Balance Sheet (TBBS) as explained in the testimony of Company witness Linda M. Schlessman. The distribution cost of service increase identified above is net of a nearly $6.6 million ITR credit.

Q. WILL CUSTOMERS IN THE CENTRAL DIVISION RECEIVE A RATE REDUCTION IN 2024 THAT WILL MODERATE THE INCREASE DESCRIBED ABOVE?

A. Yes. Customers in the Central Division are currently charged amounts associated with stranded costs called Transition Charges (TC). One TC charge remains in effect, known as TC3. As explained by AEP Texas witness Jackson, in December 2024, the TC3 Rider ends and, as a result, every customer class in the Central Division will see a decrease in AEP Texas charges that will moderate the total base rate change requested in this case.

Q. WHAT IS THE EFFECT OF THIS RATE REQUEST ON AEP TEXAS' CUSTOMERS AS COMPARED TO EXISTING RATES?

A. As calculated by AEP Texas witness Jackson, if approved and implemented through the Company's proposed rates for Retail Delivery Service, the impact on a residential customer using 1,000 kilowatt-hours (kWh) per month would be an increase of $4.89 or 14.1% per month. With the approval of the ITR rider refund, the impact of the proposed rates on such a residential customer would be $4.59 or

13.24% per month. After the TCRF and other rider revenues are considered, this $4.59 increase represents a 9.16% increase in distribution rates for customers in AEP Texas' North Division. Finally, regarding customers in AEP Texas' Central Division, TC-3 expires in December 2024. Considering the expiration of TC3, as well as the TCRF and other rider revenues, the impact of the proposed rate change on customers in AEP Texas' Central Division customer would be an increase of just $2.11 or 3.9%.

We are mindful of the impact that our investments have on our customer bills and continue to work to operate as efficiently as possible to provide safe and reliable electricity at reasonable rate.

VII. CONCLUSION

Q. PLEASE SUMMARIZE YOUR TESTIMONY.

A. Since the last rate case, AEP Texas has invested $5 billion to support the growing Texas economy and meet the evolving needs of customers across our service territory with safe and reliable electric service. Despite the challenges faced in the last four years, our employees rose to the occasion and will continue to do so. While we are always mindful of the impact a rate increase has on the customers and communities we serve, the inflationary pressures AEP Texas is experiencing, coupled with the increasing demands on the system, require us to file this rate request. It is necessary to align the rates with the current cost of serving customers and supporting the exciting growth we are experiencing in the State of Texas. AEP Texas is a proud partner with the communities we serve and they depend on us to

provide safe, reliable and affordable service. A strong and financially healthy utility will continue to help the State of Texas and the local communities we serve continue to thrive.

Q. DOES THIS CONCLUDE YOUR TESTIMONY?

A. Yes, it does.

AEP Texas Witnesses 2024 Texas Base Rate Case			
	Subject	**Witness**	**Description of Testimony**
1.	Policy and Overview	Judith E. Talavera	Ms. Talavera presents the AEP Texas rate case application and discusses some of the challenges and opportunities experienced since the previous rate case, including an unprecedented amount of load growth that has come with support of the growing Texas economy. Further, she discusses the rate relief requested and impact on customers.
2.	Policy, Affiliate Expenses and Rate Case Expenses	Chad Burnett	Mr. Burnett introduces proposals for regulatory approval supported by various witnesses. Mr. Burnett also discusses AEP Texas affiliate expenses related to legal, regulatory, and environmental services and supports AEP Texas' rate-case expenses.
3.	Cost of Service and Rate Base	Tiffany Day	Ms. Day presents AEP Texas' requested total company cost of service and associated RFP schedules.
4.	Pro Forma Accounting Adjustments	Aaron Thomas	Mr. Thomas describes various pro forma accounting adjustments.
5.	Catastrophe Reserve	Greg Wilson	Mr. Wilson discusses AEP Texas' approach to the use of a Catastrophe Reserve.
6.	Lead-Lag Study	Jay Joyce	Mr. Joyce sponsors the results of the lead-lag study for measuring the cash working capital allowance required for AEP Texas' operations.
7.	Cost of Common Equity	Ann Bulkley	Ms. Bulkley presents her recommended return on equity.
8.	Capital Structure and Overall Cost of Capital	Noah Hollis	Mr. Hollis supports the calculations of AEP Texas' cost of debt as well as AEP Texas' overall capital structure. He further discusses AEP Texas' financial condition and the implementation of ring-fencing measures from the AEP Texas' prior rate case.
9.	Capital Structure	Todd Shipman	Mr. Shipman discusses AEP Texas' requested capital structure from the perspective of credit rating agencies and investors.
10.	Service Reliability, Affiliate Distribution Costs, Distribution Capital Additions	Jeff Stracener	Mr. Stracener discusses AEP Texas' performance with respect to various reliability and quality of service measures. He also supports the reasonableness and necessity of AEP Texas' overall and affiliate O&M costs for distribution services, as well as distribution capital additions.
11.	Overall and Affiliate Transmission O&M Costs	K. Shawn Robinson	Mr. Robinson discusses AEP's transmission organization and operations. He supports AEP Texas' overall and affiliate O&M costs for transmission services.

AEP Texas Witnesses 2024 Texas Base Rate Case			
	Subject	**Witness**	**Description of Testimony**
12.	Transmission Capital Additions – Need	Jeffrey L. Ellis	Mr. Ellis supports the need for and cost of AEP Texas' transmission capital additions.
13.	Transmission Capital Additions – Cost	Thomas W. Reynolds, III	Mr. Reynolds supports the reasonableness of the cost of AEP Texas' transmission capital investments included in Schedule M of the rate filing package.
14.	AEP Texas External Affairs and Corporate Communications, Affiliate External Affairs, Grid Solutions and Government Affairs, Corporate Communications, and Customer Operations O&M Costs, and Advertising, Contributions and Memberships	Gilbert Hughes	Mr. Hughes discusses AEP Texas' External Affairs and Corporate Communications organizations and the services they provide. He also discusses AEPSC's External Affairs, Grid Solutions and Government Affairs, Corporate Communications, and Customers Operations organizations and demonstrates the reasonableness and necessity of the affiliate charges billed to AEP. He supports the advertising costs, contributions, and membership dues requested in this case.
15.	Depreciation	Jason Cash	Mr. Cash discusses the depreciation study overview, the study methods and procedures, and the study results.
16.	Federal and State Income Taxes and Tax-Related Adjustments	Linda Schlessman	Ms. Schlessman discusses AEP Texas' Federal Income Taxes included in its cost of service and describes the RFP's tax schedules. She also addresses accumulated deferred income tax (ADFIT), the corporate alternative minimum tax (CAMT) created by the Inflation Reduction Act, and certain inputs to the proposed ITR Rider.
17.	AEPSC and Affiliate Transactions	Brian Frantz	Mr. Frantz discusses AEPSC and the corporate support services it provides. He describes AEPSC's internal controls, billing and cost allocation methods, and how they assure that AEP Texas is charged reasonable and necessary costs for affiliate services. He also provides supporting testimony regarding the reasonableness and necessity of the Chief Financial Officer, Chief Executive Officer, Internal Support, and AEPSC Incentives classes of AEPSC affiliate costs. He explains the allocation factors used to bill the various affiliate classes of cost to support the conclusion that AEP Texas is charged affiliate costs by AEPSC that are no higher than those billed to other AEP affiliates.

AEP Texas Witnesses 2024 Texas Base Rate Case			
	Subject	**Witness**	**Description of Testimony**
18.	Necessity of AEPSC Services and Charges, AEPSC Budgeting Processes, and Cost Allocation	Patrick Baryenbruch	Mr. Baryenbruch presents an independent assessment of the reasonableness and necessity of the services provided to AEP Texas by AEPSC, and the associated costs. This assessment includes review of the necessity and benefit of AEPSC services, the appropriateness of AEPSC allocation factors, and the reasonableness of AEPSC and AEP Texas costs.
19.	Human Resources Organization and Affiliate Charges	Mary Catherine Grayem	Ms. Grayem describes AEPSC Human Resources and discusses the services provided by the AEPSC Human Resources Department. She supports the reasonableness and necessity of the Human Resource Department affiliate charges to AEP Texas.
20.	Employee Compensation & Benefit Plans	Andrew Carlin	Mr. Carlin describes the reasonableness and market competitiveness of the AEP compensation plan and the salary and incentive compensation levels for AEP Texas and AEPSC, and supports a pro forma adjustment made by Mr. Thomas for base pay increases effective in 2024. Mr. Carlin also describes and supports the reasonableness of the benefit plans for AEP Texas and AEPSC employees.
21.	Supply Chain, Fleet, Property Management Affiliate Charges	Brian Steinke	Mr. Steinke describes the services provided by the AEP Supply Chain, Fleet, Property Management Department. He supports the reasonableness and necessity of AEP Texas' costs for these services.
22.	Real Estate and Workplace Services Affiliate Charges	Kweku Ofei-Amoh	Mr. Ofei-Amoh describes the services provided by AEPSC Real Estate and Workplace Services. He supports the reasonableness and necessity of AEP Texas' affiliate costs for these services.
23.	Technology and Security Organization and Affiliate Charges	Joe Brenner	Mr. Brenner describes the AEP Technology and Security organization and the services provided. He supports the reasonableness and necessity of AEP Texas' Technology and Security affiliate costs. He also provides testimony describing Technology and Security-related capital additions since AEP Texas' last base rate case and supporting the reasonableness of those capital costs.
24.	Energy Forecast and Weather Normalization; Load Research Schedule Sponsorship	Trenton Feasel	Mr. Feasel presents the weather normalization processes used in forecasting and supports several associated schedules. Mr. Feasel also sponsors various schedules related to load and demand.

AEP Texas Witnesses 2024 Texas Base Rate Case			
	Subject	**Witness**	**Description of Testimony**
25.	Cost of Service Study	Earlyne Reynolds	Ms. Reynolds presents and supports AEP Texas' class cost-of-service study. She also supports the pro forma adjustments made to the test year customer, revenue, and sales volume data.
26.	Rate Design and Tariff Riders	Jennifer Jackson	Ms. Jackson presents AEP Texas' retail class rate design.
27.	Tariff Issues/Rate Design	Gricelda Calzada	Ms. Calzada discusses and supports various changes to the Company's Retail Tariff.
28.	Rate-Case Expenses	Mark Santos	Mr. Santos addresses the reasonableness of the rate-case expenses that have been and will be incurred by AEP Texas to litigate this rate case and in certain prior rate proceedings.

RESOLUTION NO. 2024-____

RESOLUTION OF THE CITY OF INGLESIDE SUSPENDING THE APRIL 4, 2024 EFFECTIVE DATE OF AEP TEXAS INC.'S REQUESTED RATE CHANGE TO PERMIT THE CITY TIME TO STUDY THE REQUEST AND TO ESTABLISH REASONABLE RATES; APPROVING COOPERATION WITH THE CITIES SERVED BY AEP TEXAS AND AUTHORIZING INTERVENTION IN AEP TEXAS INC.'S REQUESTED RATE CHANGE PROCEEDINGS BEFORE THE COMMISSION; HIRING LLOYD GOSSELINK ATTORNEYS AND CONSULTING SERVICES TO NEGOTIATE WITH THE COMPANY AND DIRECT ANY NECESSARY LITIGATION AND APPEALS; REQUIRING REIMBURSEMENT OF CITIES' RATE CASE EXPENSES; FINDING THAT THE MEETING AT WHICH THIS RESOLUTION IS PASSED IS OPEN TO THE PUBLIC AS REQUIRED BY LAW; REQUIRING NOTICE OF THIS RESOLUTION TO THE COMPANY AND LEGAL COUNSEL.

WHEREAS, on or about February 29, 2024, AEP Texas Inc. ("AEP Texas" or "Company"), pursuant to Public Utility Regulatory Act ("PURA") §§ 33.001 and 36.001 filed with the City of Ingleside ("City") a Statement of Intent to change electric delivery rates in all municipalities exercising original jurisdiction within its service area, effective April 4, 2024; and

WHEREAS, the City is an electric utility customer of AEP Texas and a regulatory authority with an interest in the rates and charges of AEP Texas; and

WHEREAS, the City is a member of the Cities Served by AEP Texas ("Cities"), a membership of similarly situated cities served by AEP that have joined together to efficiently and cost effectively review and respond to electric issues affecting rates charged in AEP Texas' service area; and

WHEREAS, PURA § 36.108 grants local regulatory authorities the right to suspend the effective date of proposed rate changes for ninety (90) days after the date the rate change would otherwise be effective; and

WHEREAS, the City retains its rights as a city with original jurisdiction including the right to suspend the application; and

WHEREAS, PURA § 33.023 provides that costs incurred by Cities in ratemaking activities are to be reimbursed by the regulated utility; and

WHEREAS, the City's consultants and attorneys recommend that the City suspend the application for further review.

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

SECTION 1. That the April 4, 2024, effective date of the rate request submitted by AEP Texas on or about February 29, 2024, be suspended for the maximum period allowed by law to permit adequate time to review the proposed changes and to establish reasonable rates.

SECTION 2. That the City joins other Cities Served by AEP Texas in this proceeding and, subject to the right to terminate employment at any time, hereby authorizes the hiring of Thomas Brocato of Lloyd Gosselink Rochelle and Townsend, P.C, and consultants to review the Company's filing, negotiate with the Company, make recommendations regarding reasonable rates and to direct any necessary administrative proceedings or court litigation associated with an appeal of city action.

SECTION 3. That the City shall work with Cities Served by AEP Texas in the review and evaluation of whether the proposed rates are appropriate, fair, just, and reasonable; and, intervene as a necessary party in the Public Utility Commission of Texas' consideration of AEP Texas' rate filing in Docket No. 56165 as it affects the customers in the unincorporated areas of AEP Texas' service territory.

SECTION 4. That the City's reasonable rate case expenses shall be reimbursed by AEP Texas.

SECTION 5. That it is hereby officially found and determined that the meeting at which this Resolution is passed is open to the public as required by law and the public notice of the time, place, and purpose of said meeting was given as required.

SECTION 6. A copy of this Resolution shall be sent to AEP Texas, care of Jennifer Frederick, American Electric Power Company, 400 West 15th Street, Suite 1520, Austin, Texas 78701 (aepaustintx@aep.com), and to Thomas Brocato at Lloyd Gosselink Rochelle & Townsend, P.C., 816 Congress Avenue, Suite 1900, Austin, Texas 78701 (tbrocato@lglawfirm.com).

PASSED AND APPROVED this 12th day of March, 2024 by 00 (ayes) to 00 (nays) with 00 abstentions by a vote of the City Council of the City of Ingleside, Texas.

CITY OF INGLESIDE, TEXAS

_____
Pedro Oscar Adame, Mayor

ATTEST:

_____
Ruby Beaven, City Secretary

DRAFT

CITY COUNCIL AGENDA
Amended Regular Meeting: March 12, 2024

AGENDA ITEM: 19

Deliberate and take appropriate action to authorize the City Manager to begin discussions with Able City to develop a scope of work and associated cost to update the City of Ingleside's Comprehensive Master Plan.

SUBMITTED BY: Gene Delauro, Interim Building Official

APPROVED FOR AGENDA: Brenton Lewis, City Manager

BACKGROUND:

Professional consulting services were solicited to assist the City with updating its existing Comprehensive Master Plan, adopted on January 16, 2016. One (1) qualified submission was received for the request for qualifications.

Able City is an architectural firm located in San Antonio, Texas. Able City staff have over seventy (70) years of combined experience with a staff of over twenty (20) individuals specialized in a wide range of disciplines, including two (2) certified planners and five (5) registered architects. Able City has successfully prepared over twenty-five (25) Comprehensive Master Plans for both large and small Texas municipalities to include the City of El Paso, City of Laredo, City of Eagle Pass, City of Cotulla, City of El Milagro, and City of Del Rio.

On February 21, 2024, an interview was conducted with representatives of Able City and City staff. We conclude Able City has the staff, knowledge, and experience to perform the requested work in a timely professional manner.

FISCAL ANALYSIS:

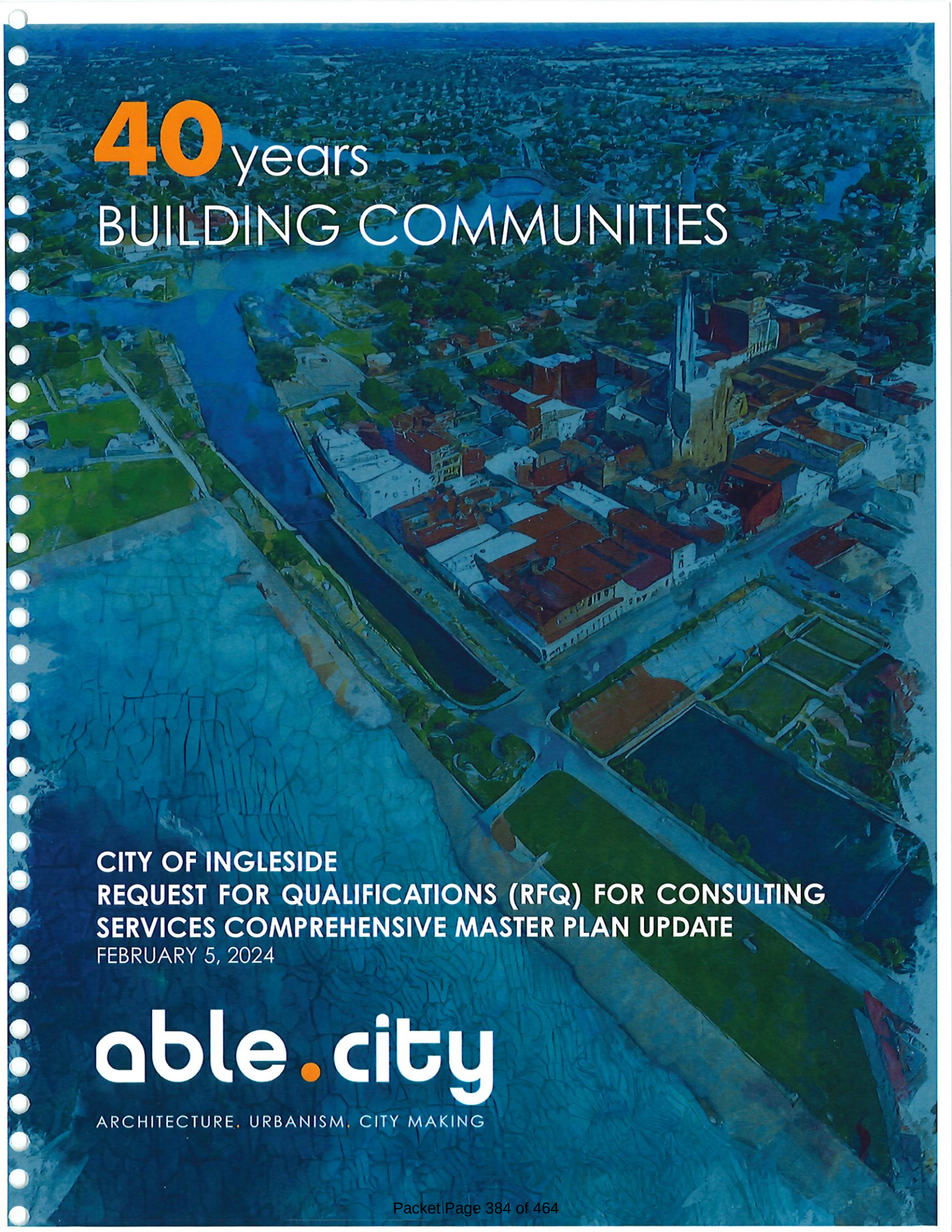
None

RECOMMENDATION:

Staff recommends approval of the request to begin discussions with Able City to develop a scope of work and associated fees to perform the requested work. Upon completion of this task, staff will provide a final recommendation for the scope of work to be performed and the associated cost to City Council for consideration.

ATTACHMENTS:

1. Able City RFQ Submittal



CITY OF INGLESIDE
REQUEST FOR QUALIFICATIONS (RFQ) FOR CONSULTING SERVICES COMPREHENSIVE MASTER PLAN UPDATE

FEBRUARY 5, 2024

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able.city

ARCHITECTURE. URBANISM. CITY MAKING

City of Ingleside
PO Drawer 400
Attn: City Secretary
2671 San Angelo Avenue
Ingleside, TX 78362

Request for Qualifications for Consulting Services Comprehensive Master Plan Update

Dear Selection Committee,

Able City is pleased to submit our qualifications for the City of Ingleside Comprehensive Master Plan. Our proposal will introduce our team as well as highlight our qualifications and experience working with municipalities and creating places that allow citizens and communities to thrive.

Able City is a firm with over 70 years of combined experience and a staff of over 20 specialized in a wide range of disciplines, including 2 certified planners, 5 registered architects, policy writers, and community organizers. Our mission is to advance communities' quality of life through architecture, urban planning, and civic engagement. Able City imagines cities to be sustainable, livable, walkable, bikeable, accessible; and public spaces that make us healthier, empowered, and connected. To that end, we advocate in the community, and thus are familiar with the values and concerns of our fellow citizens. Together with city leadership, staff, and citizens, we can create a platform for building quality places that people love and where they can thrive. Our approach does not look at isolated components of a community but instead represents a holistic approach that respects the interconnected and symbiotic relationship of all facets of the community. If selected, our focus will remain on ensuring that the new developments promote quality of life, engaging residents for a safer and healthier community, and preparing for external changes through partnerships.

Herein we submit our team's experience, and team qualifications to convey our expertise, our capabilities, and our sincerest hope in continuing to work with City of Ingleside.

Respectfully submitted,

Mario A. Peña AICP, AIA, CNU-A
Principal/ Partner
mario@able.city

"IF THE PURSUIT OF HAPPINESS IS AN INALIENABLE RIGHT, THEN THE MAIN PURPOSE OF CITIES IS ACCESS TO A HAPPY LIFE."

-VIVIANA FRANK

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TAB

1 FIRM HISTORY

A brief history of the service provider, including general background, knowledge, and experience.

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ARCHITECTURE. URBANISM. CITY MAKING

More than just architects.

Able City is a sustainable, multidisciplinary firm focused on urbanism, architecture, economic development, and city-making. Our team members are dedicated community builders committed to the unique mission of transforming urban spaces to respond to people's needs by creating environments that encourage growth, innovation, and prosperity. Our belief in empowering communities to discern their needs has led them to collaborate with community members, clients, and partners to shape an ambitious and tangible urban development vision.

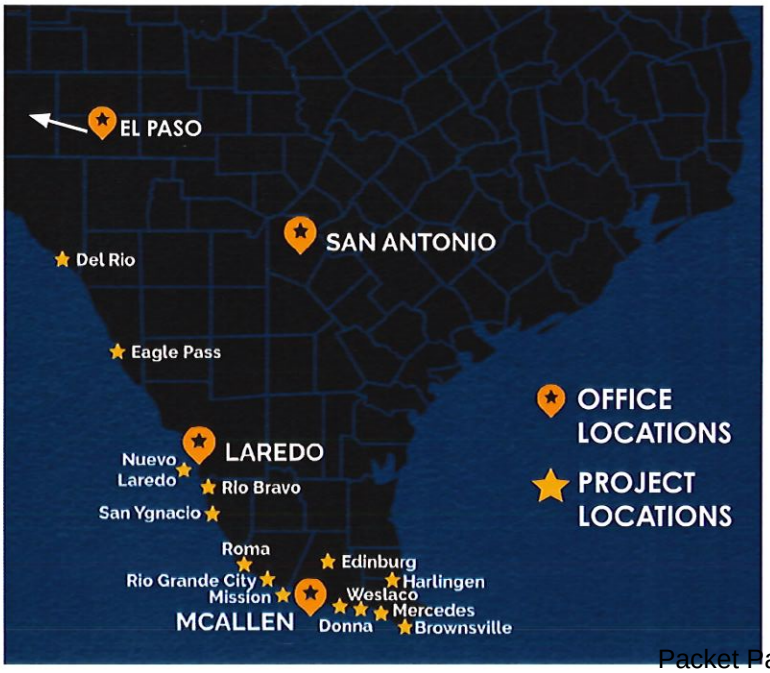
WHAT SETS ABLE CITY APART IS OUR INDUSTRY-LEADING DESIGN METHODOLOGY WHICH FOLDS IN THESE DISCIPLINES TO TAKE A GLOBAL APPROACH TO EVERY PROJECT—MINDFUL THAT EACH DISCIPLINE AFFECTS AND INFORMS THE OTHERS IN THE CONTEXT OF PLACE-MAKING.

Able City does not look at isolated components of a community but instead presents a holistic approach that respects the interconnected and symbiotic relationship of all facets of the community.

This synchronistic approach allows us to draw on a wide variety of resources and assets for our clients to improve neighborhoods, cities, counties, and regions while finding the right balance of architectural design, urban planning strategies, and land use for our clients.

Many of Able City's staff live and work in Laredo and other border communities, and 76% of our staff is bilingual. **We understand the people, culture, and language unlike any architecture and other urban planning firm in Texas.** We care deeply about the border region and our communities and want to see them thrive. Our vested interest in the success of our projects shows in the quality of our work.

Able City was founded in Laredo, Texas in 2017 from the merger of two Laredo-based Architectural firms: Hickey Peña and Frank Architects (est. 1978 and 1990 respectively).



We specialize in creating healthy, border communities because we are part of the border community.

ABLE CITY STAFF

Able City is a South Texas-based, majority-bilingual family of architects, designers, planners, economic developers, writers, and community engagement specialists committed to connecting people with the kinds of places and policies designed to bring everyone in.

2 CERTIFIED PLANNERS
Carlos Gallinar AICP, CNU-A*
Mario A. Peña AIA, AICP, CNU-A*

4 CERTIFIED CONGRESS OF NEW URBANISM (CNU-A)
Mario A. Peña AIA, AICP, CNU-A*
Viviana Frank FAIA, LEED AP, CNU-A *
Diana Peña CNU-A*
Carlos Gallinar AICP, CNU-A*

3 LICENSED ARCHITECTS
Mario A. Peña AIA, AICP, CNU-A*
Viviana Frank FAIA, CNU-A, LEED AP*
Frank Rotnofsky AIA, LCI, Fitwell Ambss.*
Ricardo Solis AIA, LEED AP *
Claudio Leon AIA, LEED AP, WELL AP, GPC
Teresa Barker, AIA , LEED GA, WELL AP

4 LEED ACCREDITED PROFESSIONALS
Viviana Frank, FAIA, CNU-A, LEED AP*
Ricardo Solis AIA, LEED AP*
Claudio Leon AIA, LEED AP, WELL AP, GPC
Teresa Barker AIA , LEED GA, WELL AP

6 WELL & FITWELL ACCREDITED PROFESSIONAL
Claudio Leon AIA, LEED AP, WELL AP, GPC
Teresa Barker AIA , LEED GA, WELL AP
Frank Rotnofsky AIA, LCI, Fitwell Ambss.*

1 PROJECT MANAGERS
Claudio Leon AIA, LEED AP, WELL AP, GPC
Teresa Barker AIA , LEED GA, WELL
Luis Pruneda, TAS
Victor Montes
Juan Garza
Edna Zepeda

6 ARCHITECTURAL DESIGNERS
Angelo Gomez
Ernesto Torres
Laura Arango
Alfonso Sepulveda
Hector Quintanilla
Gabriel De Leon

2 CERTIFIED ECONOMIC DEVELOPER
Viviana Frank FAIA, CNU-A, LEED AP*

4 COMMUNITY ENGAGEMENT SPECIALISTS
Mario A. Peña AIA, AICP, CNU-A*
Viviana Frank FAIA, CNU-A, LEED AP*
Frank Rotnofsky AIA, LCI, Fitwell Ambss.*
Diana Peña CNU-A*
Lorena Gonzales
Sabrina Lopez

1 TX ACCESSIBILITY STANDARDS (TAS)
Luis Pruneda, TAS

+18 BILINGUAL IN ENGLISH & SPANISH

WHERE WE ARE:

SAN ANTONIO, TEXAS
Corporate Office
110 Broadway St. Ste. 590
San Antonio, TX 78205
210-912-5929

LAREDO, TEXAS
Branch Office
901 Victoria St. Ste. A
Laredo, TX 78040
956-725-7418

MCALLEN, TEXAS
Branch Office
200 S. 10th St. Ste. 907
McAllen, TX 78501
956-790-0442

ARCHITECTURE

Able City believes architecture directly affects the environment – the citizens, the city, the culture, the history, and the economy. That's why Able City designs sustainable buildings that enrich the urban fabric, are sensitive to the human sc create a sense of place, pride, and safety in our communities.

URBAN PLANNING

Able City provides creative and practical urban planning solutions for our clients in the public and private sector. Guided by stakeholder placemaking on all scales, from community master planning, campus planning, park design, transit, streetscaping, and neighborhood development. We are committed to a sustainable future.

CITY MAKING

Able City is committed to the empowerment of citizens to make our communities better, one city making project at a time. Beyond architecture and planning, we work to educate and empower citizens into becoming city makers. We organize community efforts, lead data collection and research efforts, write public policies, and assist the engagement with local governments. A central component of our projects is to effectively engage the public. We do this through our joint venture with local nonprofit City Makery™.

ROLE

- Project management
- Public and stakeholder outreach
- Discovery, existing/baseline conditions & needs assessment
- Implementation plan
- Form-based code
- Phasing & final report

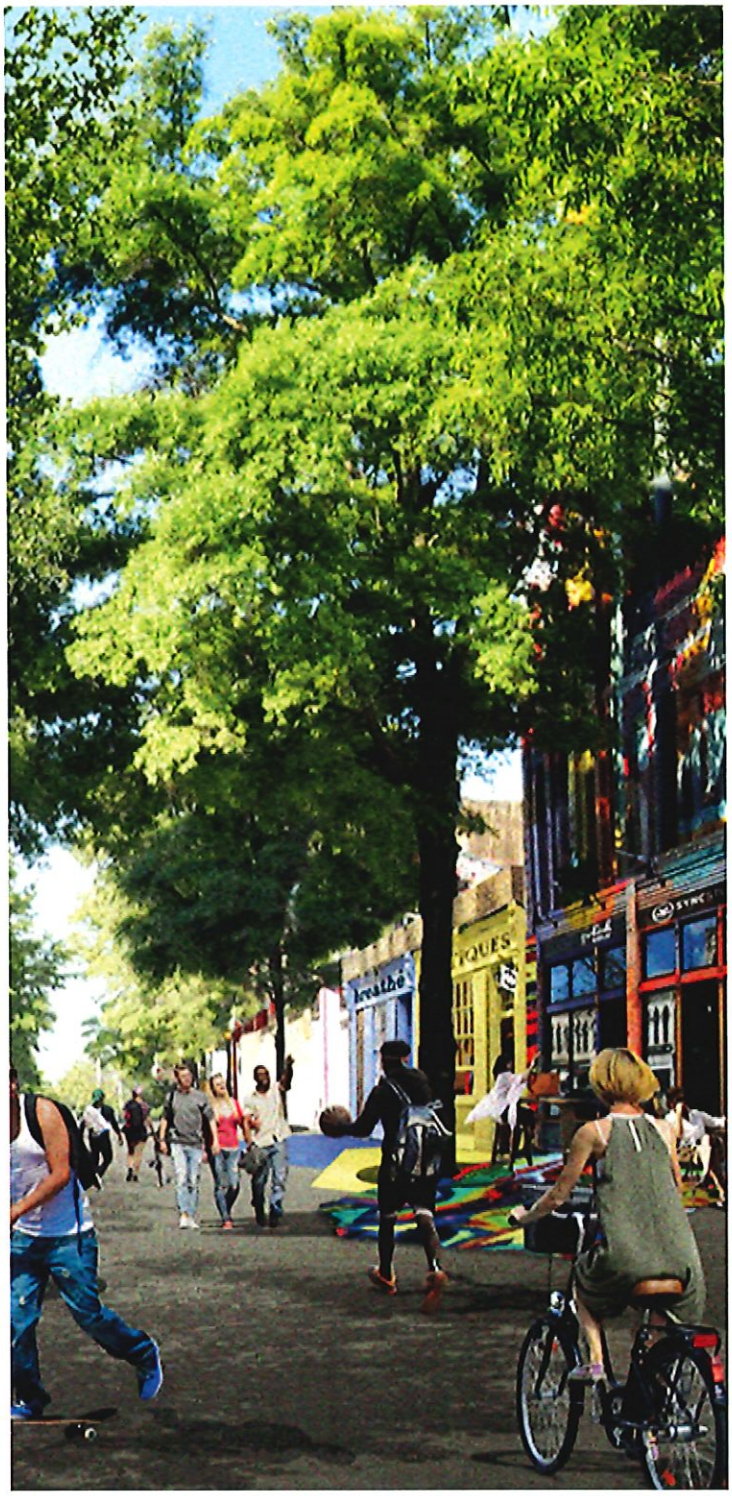
DOVER, KOHL & PARTNERS
town planning

Dover, Kohl & Partners was founded in 1987. Our expertise lies in balancing the visionary 'civic art' of planning with the practical consensus building needed to make projects succeed. We are trained in the principles of traditional town planning and architecture and have perfected techniques for gathering meaningful community input. Dover, Kohl & Partners is best known for public design charrettes, detailed master plans, and illustrative codes that emphasize complete neighborhoods as the basis for sound communities. Our client list includes public agencies, developers, and citizen groups, among others.

Our plans focus on traditional neighborhood design and smart growth, emphasizing that there does not have to be a trade-off between livability and economic prosperity. Often our projects have revealed potential in overlooked real estate and have helped challenge outdated zoning or transportation policies.

Dover, Kohl strives for the maximum public involvement in planning and stress a hands-on visual approach, using techniques that merge design studio, policy making, and town meetings. Video imaging (pioneered by our firm) and collaborative drawing make planning more accessible and meaningful for citizens and clients. To accompany most Master Plans, we produce simplified, illustrated Codes that can replace conventional zoning.

Dover-Kohl projects have also been recognized as exemplary by leading planning and urbanism organizations; recent awards have included the Charter Award of excellence by the Congress for the New Urbanism, awards from state and regional chapters of the American Planning Association (including Florida, Alabama, Arkansas, Missouri, and Hawaii), as well as recognition from the Form-Based Codes Institute, the National Association of Homebuilders, the American Institute of Architects and the EPA.



ROLE

- Form-based code
- Public & stakeholder outreach
  On-site workshops and adoption meetings
- Corridor & nodes concept plan
- "Hot Corridor"/Smart Cities* recommendations

TAB

2 RELATED RECENT EXPERIENCE, PERFORMANCE & REFERENCES

Related recent experience in the development of Comprehensive Master Plans in accordance with industry standards. A description of work performance and experience with similar projects including a list of references from past local government clients, with information describing the relevancy of the previous performance.

RELATED RECENT EXPERIENCE, PERFORMANCE & REFERENCES

RELATED RECENT EXPERIENCE

Our team has performed multiple Comprehensive Master Plans across Texas over the last few years. Some of our most recent ones include:

- Viva Laredo Comprehensive Master Plan
- Plan El Paso
- Eagle Pass Downtown Master Plan
- Cotulla Master Plan
- El Milagro Town Plan
- Del Rio Comprehensive Plan

ADHERING TO INDUSTRY STANDARDS

Able City has successfully completed over 25 Comprehensive Master Plans, 150 Urban Master Plans, and 50 Development Codes by adhering to industry standards. These projects, including notable ones like Viva Laredo, Plan El Paso, and the Eagle Pass Downtown Master Plan, were developed through a collaborative process involving extensive community engagement, rigorous data analysis, and sustainable urban design principles. Able City utilized innovative strategies to ensure that each plan was tailored to the unique needs and aspirations of the community to enhance livability, economic vitality, and environmental sustainability. Through this approach, Able City has contributed significantly to shaping the future of urban spaces, demonstrating a commitment to creating vibrant, resilient, and inclusive places.

Our portfolio includes:

25+ COMPREHENSIVE MASTER PLANS

150+ URBAN MASTER PLANS

50+ DEVELOPMENT CODES

200+ SUBURBAN RETROFIT

FIRM AWARDS & RECOGNITION

2022 AIA LRGV Architecture Firm of the Year

Texas Society of Architects 2023 Studio Award
Los Dos Laredos Bi-National River Conservation Park, Laredo, TX / Nuevo Laredo, MX

The Congress for New Urbanism (CNU) Merit Award - Excellence in urban design, placemaking, and community building
Viva Laredo Comprehensive Plan, Laredo, TX

Green Dot International Design Competition Excellence in Green Building Design Award
Green Dot International Design Competition James & Maria Haynes Health & Wellness Center, Laredo, TX

Webb County Heritage Foundation Award, Historical Preservation Award
Federal Probation Offices, Laredo, TX

Texas Construction Magazine Entertainment Center Best of 2003 Award (FAI was the associate/ design architect to LAN, Inc.)
City of Laredo Sames Auto Arena, Laredo, TX

AIA Lower Rio Grande Valley - Outstanding Architecture Design and Achievement
Children's Advocacy Center, Laredo, TX

AIA Lower Rio Grande Valley Honor Award - Design Award 2021
St Agustin Cathedral Master Plan & Preservation, Laredo, TX

AIA Lower Rio Grande Valley - Outstanding Architecture Design and Achievement
LISD Vidal M. Treviño School of Communications and Fine Arts, Laredo, TX

Webb County Heritage Foundation - Design Excellence in Contemporary Architecture
Azteca Affordable Housing Project, Laredo, TX

Webb County Heritage Foundation Award - Design Excellence in Contemporary Architecture
WBCA (Washington Birthday's Celebration Association) Museum, Laredo, TX

Webb County Heritage Foundation - Preservation/ Restoration Award
1205 Iturbide Street Restoration, Laredo, TX

Texas Association of School Boards (TASB) Excellence in Design Award
UISD Borchers Elementary School, Laredo, TX

Preservation Honor Award - Preservation Texas
LISD Vidal M. Treviño School–Uribe Rancho, San Ygnacio, TX

National Trust for Historic Preservation Award Excellence in Historical Preservation, U.S. Housing and Urban Development Secretary's Award.
The Hamilton Hotel, San Antonio, TX

THC Annual Award of Excellence in Historic Architecture
Texas Historical Commission Dimmit County Courthouse, Carrizo Springs, TX

Austin Business Journal - Community Impact Award
Grove Place Apartment Complex, Austin, TX

Boston National Artists Housing Competition National Finalist, Boston, MA

AIA Zebby Citation of Honor Award – Laredo
Community Service Viviana Frank, FAIA

VIVA LAREDO COMPREHENSIVE PLAN
LAREDO, TEXAS

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Our team of professionals collaborated with the city of Laredo to develop its Comprehensive Plan. Viva Laredo is a plan created through an inclusive, participatory public process that presents both grand vision and a practical plan to accomplish those goals.

The new Comprehensive Plan ushers in a new era for the city and asks its citizen to participate in its making. The time has come for the 21st century Laredo, the most dynamic city situated on the Texas-Mexican border, by a process that includes the voices of culture, commerce, community, and government. The Project Team lead by Mario Pena, Frank Rotnofsky and Viviana Frank, AIA, of Frank/ Hickey-Pena Architects, a joint venture, with Dover Kohl Planners provided the expertise to navigate through each phase in a timely manner.

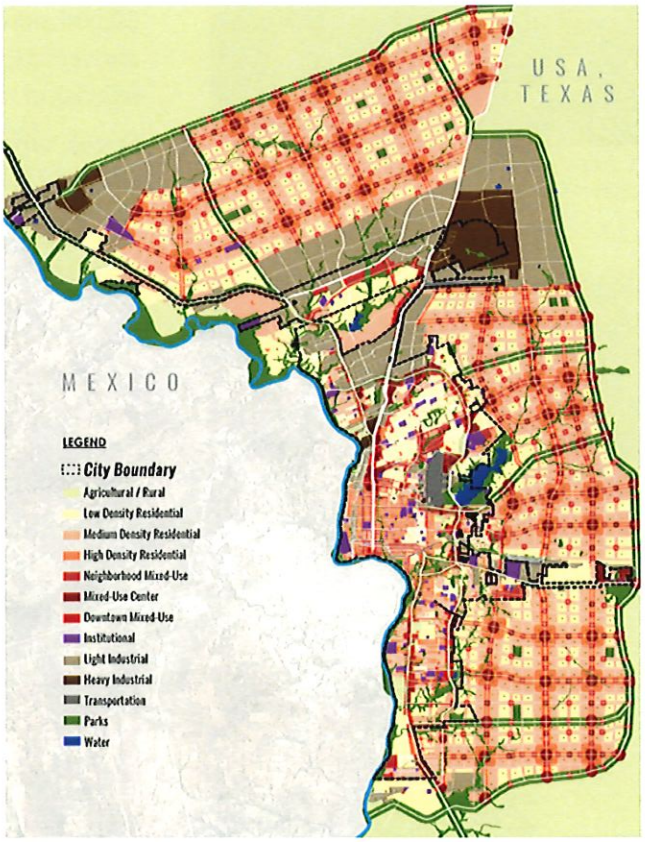
The Comprehensive Plan process was interactive and bilingual, and included charrettes in multiple areas throughout the city. During the charrettes, the team was able to talk over 800 visitors, meeting attendees, and hands-on participants. Many people followed the project on its website or took part in online conversations and polling in the project's virtual town hall. Newspaper, television, and web coverage of the project was extensive.

Laredo is a city with significant potential, beginning as a small settlement and quickly evolving into the largest inland port in the United States within a 250-year span. Located along the northern border of Mexico, it has established a mutually beneficial relationship with the Mexican city, Nuevo Laredo, that has helped define its cultural, economic and social ways of life. Dover, Kohl & Partners teamed with local architects, Frank Hickey Peña Joint Venture, to create a detailed Comprehensive Plan to guide the city's growth and development. The goals, objectives, and strategies of the plan involved all aspects of City administration and community life: land use, downtown revitalization, urban design, historic preservation, mobility, housing, sustainability, health, and economic developments.

Status: The Viva Laredo Comprehensive Plan was adopted unanimously by City Council on September 18th, 2017. Changes to Land Development Regulations are in progress. More detailed neighborhood plans are being completed as local initiatives. **Viva Laredo received a 2019 Charter Award of Merit from the Congress for the New Urbanism.**

Relevancy:

1. Inclusive planning through community engagement
2. Comprehensive planning
3. Award-winning and innovative urban planning



12 MONTHS
Timeline

$650,000
Contract amount, not increased

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PLAN EL PASO

EL PASO, TEXAS

DOVER, KOHL & PARTNERS, ABLE CITY'S CARLOS GALLINAR

A neighborhood park

A plaza in recreated in front of the historic Union Station

256 SQ. MILES
Project Area

24 MONTHS
Timeline

$1,236,927
Contract amount, not increased

In 2010 the City of El Paso commissioned Dover, Kohl & Partners to create a detailed Comprehensive Plan and regional-scale Future Land Use Map for the city. The Comprehensive Plan is an overarching policy document that directs the City of El Paso in its implementation of consensus-based goals created through an extensive public process. The goals, objectives, and strategies of the plan involve all aspects of city administration and community life: land use, urban design, historic preservation, economic development, housing, transportation, health, sustainability, infrastructure, public facilities, international coordination, and Fort Bliss Army Base relations. DK&P lead a multidisciplinary team of over 14 different specialty consultants.

Process: The Plan El Paso Comprehensive Plan process was interactive and bilingual, and included three two-week charrettes in multiple areas throughout the city. During the charrettes, the team was able to talk to over 800 studio visitors, meeting attendees, and hands-on participants. Over 20,000 people followed the project on its website or took part in online conversations and polling in the project's virtual town hall. Newspaper, television, and web coverage of the project was extensive.

Status: On March 6, 2012, Plan El Paso was adopted by an unanimous vote of the El Paso City Council.

The EPA awarded Plan El Paso a 2011 National Award for Smart Growth Excellence in Programs, Policies, and Regulations. The EPA grants this award yearly to "recognize exceptional approaches to development that respect the environment, foster economic vitality, and enhance quality of life." The project was used as a case study in the national discussion on placemaking and city planning by the National Resource Defense Council.

Relevancy:

1. Extensive Public Engagement
2. Multidisciplinary Expertise
3. Recognized Excellence

Cities and neighborhoods are defined in large part by the quantity and quality of their parks and open spaces. The plan recommends public parks at all scales. A range of open space types is needed to meet the City's diverse recreational, environmental, and social needs. A proposal for San Jacinto Plaza is depicted below.

EAGLE PASS DOWNTOWN MASTER PLAN
EAGLE PASS, TEXAS

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Able City completed a full assessment of Eagle Pass's river-fronting downtown as part of an unprecedented downtown revitalization plan. The plan includes economic and cultural development, mobility, recreation, border relations, and river vega improvement strategies. The team has worked with the community in Eagle Pass to fully engage and harness the opportunities given to them by their location along their river/border and to enhance their relationship with their sister city across the river Piedras Negras. The Bi-National collaboration we have helped coordinate will serve as the foundation for a more connected and stronger Eagle Pass/Piedras Negras community. Additionally, our team prepared final construction documents and specifications in compliance with TxDOT and in compliance with ADA and AASHTO standards, as required by the funding agencies. In incorporating these design features, our architects are enabling greater access to natural amenities, regardless of age or ability.

The goals of the plan are to develop a vibrant downtown, increase economic viability, and preserve the City's heritage.

Relevancy:

1. Bi-National Collaboration
2. Comprehensive Revitalization
3. Inclusive Design

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ENVISION DEL RIO COMPREHENSIVE PLAN

DEL RIO, TEXAS

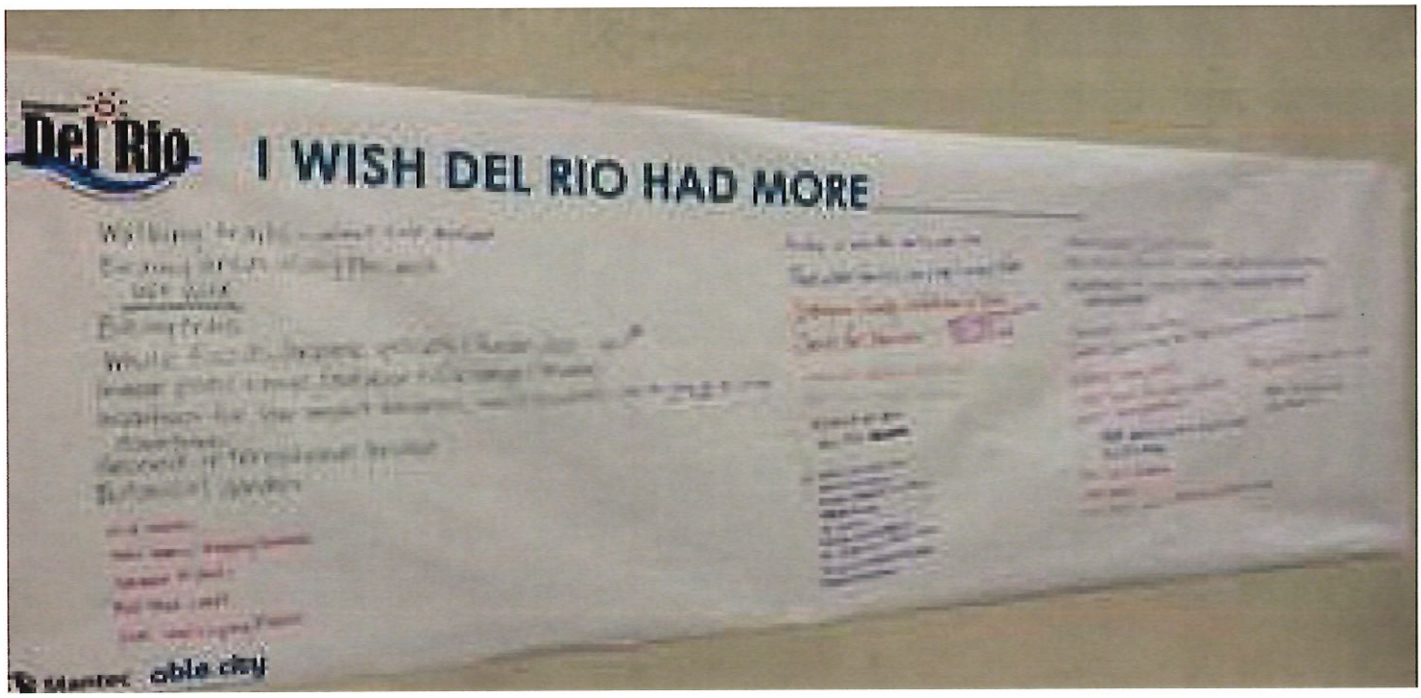
Envision Del Rio creates dynamic roadmap to guide the city's growth and development. This plan is a guardian of Del Rio's precious water resources, including the San Felipe Creek, Lake Amistad, and the Rio Grande River—all of which are unique treasures for our community.

The plan goes beyoned safeguarding these resources by actively promoting their sustainable use, sparking a wave of economic development, recreation, and tourism. A product of deep collaboration with the community ensured that the Comprehensive Plan is a living reflection of the values and priorities held by the resilient residents of Del Rio.

This plan offers recommendations that set the stage for Del Rio's economic development; the enhancement of its parks; water conservation; ecotourism and recreation; infrastructure development; the art of placemaking; and the establishment of vibrant connections. The final document continues Del Rio's story as one that's brimming with promise and opportunities.

Relevancy:

1. Water Resource Management
2. Community-Driven Planning
3. Economic and Recreational Development



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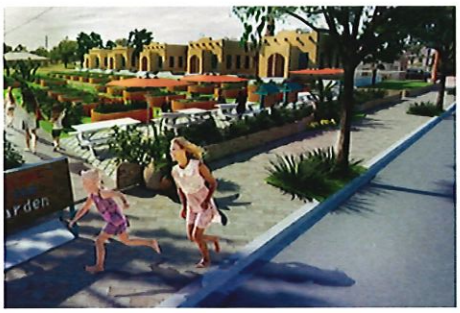
7 MILES
Project Area

16 MONTHS
Timeline



MISSION TRAIL COMPREHENSIVE PLAN

EL PASO, TEXAS

DOVER, KOHL & PARTNERS, ABLE CITY'S CARLOS GALLINAR

In 2018, El Paso County's Economic Development Department commissioned Dover, Kohl & Partners to draft the region's Comprehensive Plan and Design Guidelines. The team included Gallinar Planning and Development, Daedalus Advisory Services, and Hall Planning and Engineering. The planning process involved over 800 participants. The Mission Valley Comprehensive Master Plan was unanimously adopted in 2019 and includes a detailed plan for economic development, tourism development, climate resilience, and, ultimately, UNESCO World Heritage site designation.

The El Paso Missions are a group of three frontier mission complexes situated along the Rio Grande River basin on the US-Mexico border. The complexes were built in the early eighteenth century to colonize, evangelize and defend the northern frontier of New Spain. The missions' physical remains comprise a range of architectural and archaeological structures including farmlands, cattle grounds, residences, churches, workshops, and water distribution systems. These can be seen as a demonstration of the exceptionally inventive interchange that occurred between indigenous peoples, missionaries, and colonizers that contributed to a fundamental and permanent change in the cultures and values of all involved.

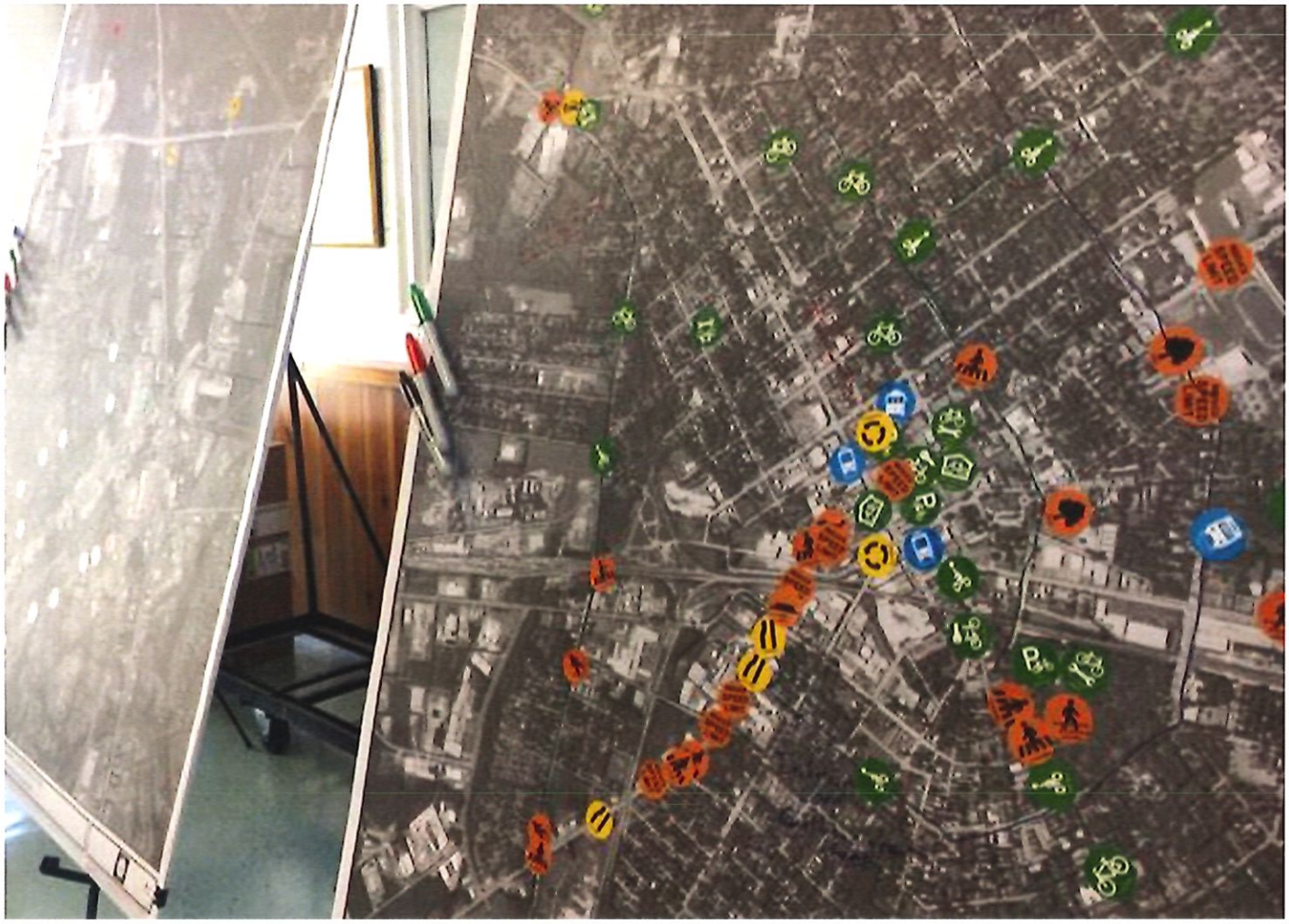
The economic benefits of tourism reach virtually everyone in the El Paso and Ciudad Juarez region. By increasing tourism, economic development and growth is encouraged in an area that is challenged by high poverty rates and low literacy rates. More tourists mean more demand, more jobs and higher revenues, including higher tax receipts for local governments.

Relevancy:

1. Cultural and Economic Development
2. Climate Resilience and Heritage Preservation
3. Community Engagement

THOMASVILLE COMPREHENSIVE MASTER PLAN

THOMASVILLE, GEORGIA



Project Location: Thomasville, Georgia
Year of Completion: 2018
Project Budget: $296,000
Thomasville: Blueprint 2028 is a Comprehensive Master Plan for the City of Thomasville. This charming city was once the end if the rail line and a favorite winter getaway, quail hunting lodge, and health spa for northerners. The City has had an emphasis on reinvigorating their downtown, but the surrounding neighborhoods have struggled. With an intense public process including a travel workshop and a week-long charrette the elements of the community goals were developed.

Relevancy:

1. Intensive Community Engagement
2. Downtown and Neighborhood Revitalization
3. Historic Preservation and Growth Balance

DOVER, KOHL & PARTNERS
town planning

HAMMOND COMPREHENSIVE MASTER PLAN

MONROE, MIAMI-DADE, BROWARD, PALM BEACH, MARTIN, ST. LUCIE AND INDIAN RIVER COUNTIES

Project Location: Monroe, Miami-Dade, Broward, Palm Beach, Martin, St. Lucie and Indian River counties
Year of Completion: 2011
Project Budget: $650,000
As the City's regional importance increases, residents want the City to grow in a way that protects and enhances its character. In 2009 Hammond began the creation of its first Comprehensive Master Plan in order to address future development and to ensure that the City grows in a choice worthy, sustainable way.

Relevancy:

1. Sustainable Growth Focus
2. Enhancing City Character
3. First Comprehensive Master Plan

PUBLIC ENTITY REFERENCES (3)

1. Eagle Pass *(Able City)*
Arturo Marquez, Director, Economic Development. amarquez@eaglepasstx.us, 830-4215153.

2. Alameda Corridor *(Dover Kohl & Partners, Able City's Carlos Gallinar)*
Joaquin Rodriguez, rodriguezj2@elpasotexas.gov, 915-328-8731.

3. Viva Laredo Comprehensive Plan *(Able City)*
Orlando Navarro, Planning & MPO Director, City of Laredo, planner@ci.laredo.tx.us, 956-794-1601.

"Able City proved to be a tremendous asset in the development of our facility project. The leadership of Able City listened to our needs and they were able to seamlessly integrate them into the overall vision. The staff was responsive and was able to deliver our project within our challenging schedule. Able City is truly a visionary organization that integrated community needs and organizational expectations into a state of the art design."

-MARTIN ORNELAS, DIRECTOR, REAL TRANSIT

EXPERIENCE WITH PUBLIC ENTITY CLIENTS

Able City has worked with a wide range of clients ranging from the public and private sectors. Our clients list includes cities, counties, private developers and community activist organizations. The list below identifies some of the clients our team has worked for:

CITY OF SAN ANTONIO

- VIA TOD UDC Recommendations
- San Antonio UDC Amendment
- San Antonio Bike Master Plan
- City of San Antonio - Moore Iacofano Goltsman, Inc.
- City of San Antonio Veterans Outreach and Transition Center at St. Phillips (Formerly Good Samaritan Hospital)
- SA Tomorrow Area Planning- Phase 3 and 4
- San Antonio Bikeshare Strategic Planning Consulting Services, San Antonio, TX
- San Antonio-Bexar County Pedestrian Safety Action Plan, San Antonio, TX
- AAMPO Bike and Pedestrian Plan

CITY OF LAREDO

- Plan Viva Laredo Comprehensive Plan
- Historic Urban Design Assessment Report
- Urban Design Standards
- Park Planning Projects
- Rio Grande River Vega Master Plan
- Bridge of the Americas Master Plan
- Chacon Creek Master Plan
- North Central Park-Pavilion
- Waste Water Treatment Plant
- North Central Park-Pool Facility
- North Central Park-Design Guidelines
- Airport Terminal Remodel
- Fire Training Facility
- Feasibility Study for a New Public Library
- City of Laredo El Portal Heritage Riverfront Park Project
- City of Laredo Health Department Addition
- City of Laredo Historic Urban Design Assessment Report
- City of Laredo Urban Design Standards
- City of Laredo Canizales Boxing Gym Expansion Center
- Federal Inspection Center (FIS)
- City of Laredo James & Maria Luisa Haynes Health and Wellness Center Auxiliary Building
- City of Laredo James & Maria Luisa Haynes Health and Wellness Center
- City of Laredo Refrigerated Inspection Stations at World Trade Bridge and Colombia Bridge
- Bethany House of Laredo
- City of Laredo River Vega Improvements Phase 1

Project
- City of Laredo World Trade Bridge Toll Inspection Facility Expansion
- City of Laredo Bridge of the Americas Administration Building
- El Metro-Transit Operating Facility
- El Metro-Administrative and Transportation Facility
- Laredo Civic Center-Acoustical Improvements
- Laredo Civic Center-Foyer Expansion
- Government Plaza
- Washington's Birthday Celebration Association Museum
- Department of Homeland Security
- The Laredo Center for the Arts Project
- Webb County Youth Village

CITY OF CLYDE
- City of Clyde Master Plan Project

CITY OF ENCINAL
- Encinal North Development Master Plan

CITY OF COTULLA
- City of Cotulla
- City of Cotulla New City Hall Feasibility Study
- Garros Subdivision Master Plan Development

CITY OF EAGLE PASS
- Downtown Master Plan

CITY OF DEL RIO
- Comprehensive Plan

CITY OF HORIZON CITY
- TOD Architectural Design Standards

CITY OF CARRIZO SPRINGS
- Dimmit County Courthouse Master Plan
- Carrizo Springs Sport Complex

CITY OF ZAPATA
- Zapata Master Plan

CITY OF ROMA
- Roma Bridge

CITY OF RIO BRAVO
- Rio Bravo Water Treatment Plant

Administration Building
- Rio Bravo Fire Station

CITY OF EDINBURG
- Edinburg General Aviation Facility

TAB

3 PROPOSED WORK

Describe which specific parts of the Scope of Work the service provider proposes to perform.

INGLESIDE COMPREHENSIVE MASTER PLAN APPROACH

1. PROJECT KICK-OFF

At the start of the project, Able City and key consultants will host a conference with the members of the City staff to review the proposed project plan, goals, and schedule. Together, with City staff, we will solidify the approach, team roles and responsibilities, review base information needs, identify stakeholders, and strategize on the public involvement process.

2. EXISTING CONDITIONS & PLANS

We will review initial documents relating to City development review and policy, including Capital Improvements Plan, 2014 Thoroughfare Plan, Capital Metro Transit Oriented Development Plan, Green Line, and Hike and Bike Trails Master Plan.

3. COMMUNITY OUTREACH & EDUCATION

With the existing conditions in-hand, and as a primer for community input, our team will prepare infographics and short format videos that illustrate key objectives of this Comprehensive Master Plan, opportunities for improvement in equitability, mobility, quality of place, quality of life, and access to economic opportunity that are made possible by the implementation of the Ingleside Comprehensive Master Plan.

The information will be distributed via social media and physical media by Able City in coordination with the City. This pre-engagement both activates and prepares the community for participation.

4. DESIGNING IN PUBLIC

4.1. INTERVIEWS

We will conduct initial interviews with key City and public stakeholders the include:

- City staff from the Development Services, City Engineer, Public Works Department, Economic Development, Fire and Police as well as others identified by the Planning Department;
- Mayor and City Council, Planning and Zoning Commission; and
- Staff of other government agencies such as Capital Area Metropolitan Planning Organization (CAMPO), CapMetro, Housing Authority of Travis County, and LCRA.

4.2 MARKET ANALYSIS (OPTIONAL)

The market analysis will be a quantitative and qualitative assessment of the regional and city market environment. It will look into the size of the market both in volume and in value, the various customer segments and buying patterns, the competition, and the economic field in terms of barriers to entry and regulation. This analysis will include: New Home Generation, New Business Generation, and the Cost to the City to meet market demands.

4.3. PUBLIC OUTREACH AND PARTICIPATION PLAN

Working with the City, a public outreach and participation plan will be created to provide the framework for the integration of the public into the planning effort. We will implement the following methods to maximize community participation and buy-in. Our team will work with the City to create a list of key individuals, local leaders, community organizations, and stakeholders to include throughout the planning process, and to determine a strategy for distribution of public awareness materials. Throughout the Analysis phase and the Public Design Workshop, the team will employ various techniques for information gathering. Focus groups, individual interviews, and meetings with community groups are methods that have proven valuable on similar projects and may be utilized. The Public Design Workshop will be the centerpiece of the public outreach and participation strategy.

4.3.1 ADVOCATES

We will be engaging several focus workgroups organized around key topics such as mobility, housing, economic development, land development, health, education, biking, and public transportation. We will coordinate presentations to these groups in order to receive valuable focused input and to connect advocate goals with the Ingleside Comprehensive Master Plan.

We will organize and schedule regular work meetings to update the focus groups on progress and to educate them on urban design principles that benefit their mission, while relaying the positive impacts the proposed code changes will have towards their mission. The goal of this strategy is to generate a critical mass of advocates and educated citizens that outwardly champion the eventual adoption of the code updates.

4.3.2. REMOTE PUBLIC ENGAGEMENT

Our team has always embraced a healthy combination of high technology and personal, interactive ways of working. The "Designing in Public" charrette has long been a cornerstone of our design process. When live meetings, workshops, and charrettes are not possible, our partner, Dover, Kohl & Partners, has pioneered video conference interviews, Public Orientation Webcasts, and the Online Design Week (sometimes called a "virtual charrette.") These digital approaches were designed to re-create the interactive and interpersonal experience of the charrette. This is achieved through a variety of approaches and tools. However, the goal of this effort is still the same: to produce thoughtful, place-sensitive solutions with breakthrough-quality design rooted in best practices.

4.3.3. VIDEO CONFERENCE INTERVIEWS & PUBLIC ORIENTATION WEBCAST

The Able City/DKP team will participate in an online conference using the appropriate software for two days of intensive interviews to meet with City staff, elected officials, stakeholders, the Steering Committee and members of the public. During this period, our team will undertake a computerized Virtual Tour of the study area, Steering Committee Meetings, Media Interviews (optional), and a live-streamed or recorded Public Orientation Webcast. These events can incorporate online polling, a "telephone town hall" or other interactive features to provide real-time feedback. A recording of the Public Orientation Webcast will be posted online so people who did not attend can quickly get up to speed, establishing a broader common understanding of the goals of the process.

4.3.4. THE VIRTUAL CHARRETTE & ONLINE DESIGN WEEK

Typically, the Charrette involves an extended stay on or near the site, during which the team sets up a studio and carries out the design in real time, in public. The online version allows us to engage the residents, stakeholders, and the client in meetings, presentations and interactive design sessions via a combination of interactive platforms. The level of engagement will be determined in a collaborative effort between the consultant team and the client, adjusting to emphasize familiar technologies customary in the community and maximize access for citizens.

5. DEFINING THE ESSENCE OF INGLESIDE: BRANDING (OPTIONAL)

No one knows Ingleside and all its assets better than its citizens. During our community engagement efforts, we will provide opportunities for participants to voice their perspective of Ingleside's essence. We will also integrate research into Ingleside's history, geography, and other cultural assets that will serve as the basis for our branding team to develop an authentic and deep rooted branding strategy. Our branding plan will guide

the city in refining its broadcasted identity through graphics, written sentiments, architecture, wayfinding, and digital media.

6. ILLUSTRATING THE VISION

Words alone fall short of describing the experience of being in a place. People need to see what their ideas really mean when pen is put to paper in order to understand the options and opportunities that exist in their community. During the Public Design Workshop, Able City and Dover-Kohl will create Conceptual Illustrative Plans for key areas in the City and a series of renderings that demonstrate potential growth and conservation concepts addressed throughout the week.

The Conceptual Illustrative Plan and Renderings will be used as tools to present Smart Growth best practices in areas including land use, workforce housing, transportation, recreation, public works and community character. Selected sites within the City will receive focused attention to demonstrate the implications of the various Comprehensive Master Plan components. Alternative strategies for city-wide infrastructure, such as stormwater management and multi-modal transportation networks, will be incorporated into the overall plan.

The plans and renderings will become an integral part of the Ingleside Comprehensive Master Plan. The clear vision that these exhibits will portray will aid in the creation of a unique Comprehensive Master Plan that shows possibilities for the future, rather than just talking about them. The harmony of the Preliminary Vision, Illustrations, Plans, and Implementation Strategy is what will set the Ingleside Comprehensive Master Plan apart from other plans.

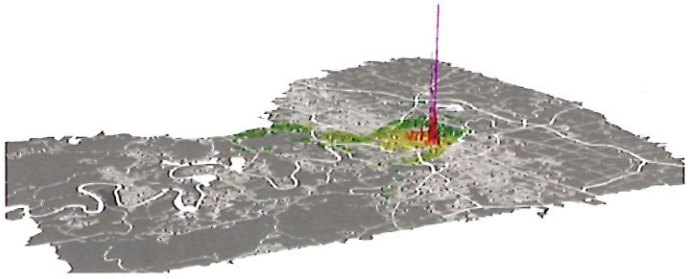
7. ECONOMICS OF LAND USE (OPTIONAL)

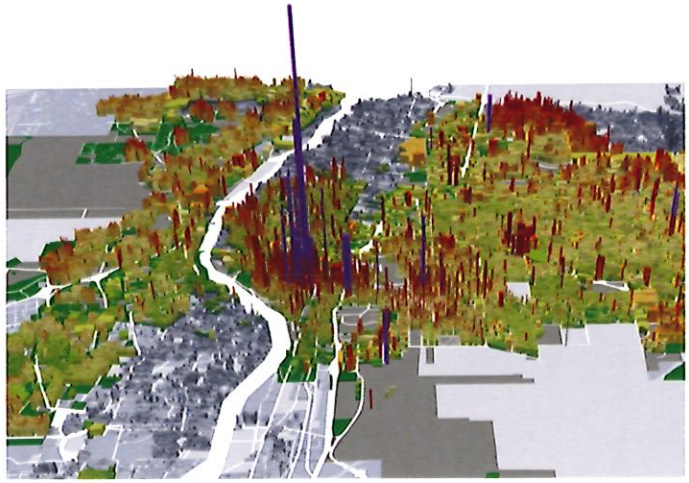
Our team can provide analytics focusing on normalizing tax values on a per-acre basis. Their core process is broken into two phases. First, Computer Aided Mass Appraisal (CAMA) parcel data with ownership, tax values, exemptions, and building information is cataloged and processed. Many times, there are anomalies in Tax Assessor's files that misrepresent acreage amounts or allocate tax values across multiple semi-related parcels. Our team will dedicate time to correcting and synthesizing different tax parcel data for Ingleside.

Additionally, our team will work with the project team and City staff to contact the Texas State Comptroller's office in order to obtain sales tax data for Ingleside.

After the parcel and sales tax data is processed and all errors are corrected, our team will move on to visualizing the information. While we use a variety of visual techniques, the primary method for displaying value per acre and revenue metrics is with ESRI's ArcScene. ArcScene's ability to create three-dimensional representations of land value, tax value and value per acre trends in vertical "spikes" displays a huge amount of information in just a quick glance. Market variability and inequitable tax valuations, and of course, value per acre efficiency across Ingleside will be easily displayed in 3D using ArcScene. Also, tax millage rates will be applied to parcel data to show the amount of taxes each development or area actually pays, versus its assessed tax value.

Following the data processing and analysis, our analysts work with Mr. Minicozzi to storyboard all the findings. Over a period of days, our staff conducts a deep dive





into all the data outputs. From this, we will create a holistic economic story for the City as a whole, as well as the impacts of the various site designs for infill around downtown, on Ingleside's long term municipal finances.

Based on the prototypical site designs and/or building types, as well as the programmatic recommendations identified by the project team, we will create projections and visualize in 3D the potential tax value of these designs or building types. Retail sales taxes will be included in this analysis. Our team's work will help inform the team and the City as to what areas are ripest for development over time and visualize the tax production of the areas. We will provide images and text from the projections for the final report document.

At the conclusion of the analysis and following the charrette, Joe Minicozzi will prepare a presentation of the results. Mr. Minicozzi will then return to Ingleside to present the results of the future value per acre analysis to staff, elected officials, the Advisory Committee and community members.

8. FISCAL ANALYSIS (OPTIONAL)

We will Identify service and utility costs associated with existing and new development in order to compare expected revenue vs costs to the city. These analyses will be used to determine which types of development should be encouraged on the basis of the city's fiscal health.

9. ECONOMIC DEVELOPMENT TOOLS MEMORANDUM (OPTIONAL)

Our economic development team will review, analyze and provide strategies to harness and maximize the use of existing and new land development districts such as PUDs, storm water districts, TIRZs, chapter 380 agreements, etc. The team will provide several strategies for continuation, expansion, and/or creation of such tools moving forward, and provide best practices to set guidelines and performance measures for such tools.

10. DRAFTING THE PLAN

The plan will be a Synthesis of the community's vision and will respond not only to communicate citizens' mandate on growth and character, but also to provide the public and private sector a road map to realizing that vision. Our plan will provide goals, strategies, and policy statements organized within the following plan elements:

10.1. URBAN FORM

As members of the Congress for New Urbanism, "we view disinvestment in central cities, the spread of placeless sprawl, increasing separation by race and income, environmental deterioration, loss of agricultural lands and wilderness, and the erosion of society's built heritage as one interrelated community-building challenge." To meet this challenge we assist our clients in: restoring existing urban centers and towns within coherent metropolitan regions, reconfiguring sprawling suburbs into communities of real neighborhoods and diverse districts, conserving natural environments, and preserving our society's built legacy.

10.2. POPULATION AND HOUSING

Our process involves a deep dive into all of the community demographics and all available data sources. The planning team will engage and coordinate with community stakeholders and agencies in order to understand the key factors and issues of the community related to the population and housing elements, and to plan accordingly for the future. The housing analysis started during the charrette will be expanded. Recommendations will be made for developing policies and changing existing regulations that will allow the development of new housing types in a way that respects and enhances existing buildings and provides quality affordable housing for all sectors of the population, especially low/moderate income households. The housing analysis will explore policies on inclusionary zoning and community land trusts. It will recommend strategies, policies, and regulations that will best meet the need to provide quality housing for all residents of the City of Ingleside. An economic analysis of the viability of a variety of housing and lot types will be conducted.

10.3. ECONOMIC DEVELOPMENT (OPTIONAL)

Our team will determine how your local conditions are impacted by the rest of the world. We will then work closely with you to leverage your assets and reach your economic growth and diversification goals. Our economists will put their years of experience performing

comprehensive research, analysis, and forecasting to work for you. The team at AngelouEconomics will illustrate how your activities impact the local economy of today and tomorrow, or the effects of a new base of operations in a different location.

10.4. ENVIRONMENTAL AND CULTURAL CHARACTERISTICS

Our environmental team will expand upon the efforts begun during the charrette to draft the environmental issues element of the Comprehensive Master Plan. Conservation of agricultural and natural lands, as well as watershed protection strategies will be explored. Sustainable development practices will be identified, including LEED-certified neighborhood and building design, and sustainable infrastructure.

10.5. FACILITIES

The location, placement, and design of public facilities is of great importance in a community. In traditional towns, civic buildings serve an important role by standing as the centerpiece of a neighborhood or community and creating a sense of place and identity. Public facilities can serve to foster community recovery and revitalization, corridor redevelopment, and environmental sustainability. The Capital Improvements Program will be closely coordinated with the Comprehensive Master Plan in order to link prioritized planning efforts with the capital necessary to complete each project. Included with the Comprehensive Master Plan will be a series of implementation strategies and prioritized implementation projects.

10.6. INFRASTRUCTURE

The infrastructure portion of the Plan will compile and expand upon existing long-range and comprehensive transportation plans for both the City and the Region.

10.7. TRAFFIC/TRANSPORTATION

An interconnected network of walkable streets is vital to the health of neighborhoods and cities. Building great streets means creating places where people want to be - places that are safe, comfortable, interesting, and beautiful. Existing streets can be retrofitted with wider sidewalks, world-class bike infrastructure, shade trees for sidewalks, better lighting, and buried or relocated overhead utilities. The best streets offer residents and visitors a variety of ways to get around town.

10.8. CURRENT AND FUTURE LAND USE

The Future Land Use Map could take several forms depending on the expected regulatory tools that will be used to guide future development. A Sector Plan approach which delineates areas for intended and restricted growth and then ties development in those areas to specific public approvals processes may also be valuable. The existing codes and regulations will be examined and alternative coding methods will be explored and discussed with the City. One possible alternative would be to create a form-based code for select areas.

10.9. DOWNTOWN REVITALIZATION

We are specialists in "setting the table" for a vital, flourishing, and self-sustaining downtown. Through our community visioning charrettes we help communities discover or rediscover the heart of their towns. We can then respond with visually rich master plans, goals and policies, and implementation strategies that guide actions from both public and private stakeholders, and create awareness about the community's commitment to its downtown. Our plan will guide the creation of codes that maintain and enforce the quality of place that only a downtown can provide.

Able City, will leverage their experience in the creation and management of economic tools and special districts such as TIRZ's, and historic architectural assessments and design guidelines.

We will provide policies and strategies for downtown housing, mobility, parking, security, branding and cultural identity, programming, public spaces and facilities, and removing impending regulation to investment, all of which are critical to align so that city planners, code enforcers, service providers, investors, business owners, and residents can take action in a way that reinforces the entire ecosystem of stakeholders.

10.10 HISTORIC PRESERVATION

Historic Preservation and Green Building principles will be used as tools to enhance community character and create a stronger sense of place.

10.11. NEIGHBORHOOD PLANNING

Based on the vision for the City, our team will detail the Neighborhood Planning element of the Plan. The Neighborhood Planning proposal will reflect the community's Vision and be based on Smart Growth principles. The Illustrative Plan and Small Area Plans created during the charrette will be used as a guide for shaping future development.

10.12. OVERLAY DISTRICTS

Our team will work with the community to develop strategies which utilize sound urban planning principles that apply to the majority of the City. However, there will always be Special Character districts or Historic Districts which potentially require a different set of regulations to ensure the character of that area is preserved. Overlay districts are a valuable tool (amongst others) for creating this additional layer of regulations for a certain area. Ultimately the community and City leadership will provide guidance for the application of these heightened regulations.

11. PREPARATION OF FINAL DRAFT & ADOPTION

11.1 PLAN AND REPORT REVIEW

The team will submit the draft Ingleside Comprehensive Master Plan to the City of Ingleside for review. The City of Ingleside will have adequate time to review and submit comments to the planning team.

11.2. PRESENTATIONS

Once reviewed and revised, the team will submit the Plan to the City of Ingleside. The team will return to Ingleside to present the final Ingleside Comprehensive Master Plan to the community in either an informal meeting or public hearing. This Presentation will include an overview of the creation of the Plan as well as a detailed explanation of each plan component.

We will provide a detailed guide to implementation for staff and stakeholders to reference and take action and track progress. We will also provide strategies and training for community advocates to continue to support implementation beyond adoption.

12.1. METRICS AND ACCOUNTABILITY MATRIX

Our team will prioritize the components of the Comprehensive Master Plan and establish a schedule by which items should be completed. This Plan will help Ingleside make long and short-term decisions about future planning. The Plan will outline the stages needed to achieve the goals stated in the Policy Plan by detailing the responsibilities of various agencies and departments, associated costs, and resources available. It will also include measures for residents and the local government to monitor the implementation of the Ingleside 2050 Comprehensive Master Plan.

12.2. ADVOCATE STRATEGIES

We will organize upto three (6) group meetings with advocate groups that have committed to support the plan's implementation. The meetings are meant to establish the group's structure, leadership, agendas, and to guide them on the utilization of data and the plan's strategy to support implementation.

TAB

4 CAPACITY TO PERFORM & RESOURCES

Describe the capacity to perform the Scope of Work activities as well as resumes of all employees who may be assigned to provide services if your firm is selected, identifying current employees and proposed hires. A statement substantiating the resources of the service provider and the ability to carry out the scope of work requested within the proposed timeline.

CAPACITY TO PERFORM

Able City's robust team, comprising experts in various fields such as urban planning, architecture, and sustainability, along with their proven track record in successfully completing complex urban development projects, substantiates their capability to fulfill the comprehensive scope of work required for projects like the Ingleside Comprehensive Master Plan. The approach combines innovative methodologies with community engagement to deliver tailor-made solutions that meet the unique needs of each project.

RESOURCES

Able City, in collaboration with Dover Kohl, possesses a comprehensive array of resources and a proven track record of executing large-scale urban planning and development projects within set timelines. Our multidisciplinary team of experts, including urban planners, architects, and sustainability consultants, combined with our extensive experience in community engagement, ensures we can deliver on the comprehensive scope of work required for the Ingleside, TX Comprehensive Master Plan Update. Our previous successful projects, such as Viva Laredo and Plan El Paso, demonstrate our capability to manage and complete complex planning initiatives that meet our clients' needs and timelines.

CARLOS GALLINAR AICP, CNU-A

PROJECT MANAGER & PLANNING DIRECTOR

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EDUCATION

Rutgers University
Master of City & Regional Planning

University of Texas at El Paso
Bachelor of Arts Degree
Project Management Certificate

CERTIFICATIONS

American Institute of Certified Planners (AICP)

Congress for the New Urbanism
Accredited (CNU-A)

PROFESSIONAL EXPERIENCE:

Able City
Planning Director 2023- Present

City of Socorro, Texas
Planning Director/Consultant - 2021-2023

Gallinar Planning & Development
Principal & Owner - 2015-2022

El Paso Independent School District
Executive Director for Planning - 2016 - 2018

City of El Paso
Deputy Planning Director - 2012-2016
Comprehensive Plan Manager - 2010 -2012

AWARDS & COMPETITIONS

Charter Award
Congress for the New Urbanism, 2015

Bilingual in English and Spanish

BIOGRAPHY

Carlos Gallinar has over twenty years of professional experience in city planning and community development. His areas of expertise include housing development, municipal planning, sustainability, neighborhood revitalization, building and site planning, public health, economic development, and public participation. This diverse practice spans the public, private, and nonprofit sectors and includes projects throughout the United States.

Carlos will serve as the project manager for this project. He has over twenty years of professional planning experience spanning the private, public, and nonprofit sectors. He has managed various size projects with some having multi-million dollar budgets. Projects have also included various size teams and include managing consultants and design professionals. Carlos has also led, managed, or directed the following projects similar in scope:

- Onward Alameda Corridor Masterplan, El Paso, Texas
- Connecting El Paso: Building Transit-Oriented Neighborhoods and Redeveloping ASARCO, El Paso, Texas
- Sun Metro Brio (Bus Rapid Transit), El Paso, Texas
- Mission Trail Masterplan, El Paso County, Texas
- Nuevo Hueco Tanks Boulevard Extention, Socorro, Texas
- Horizon City TOD Architectural Design Guidelines, Horizon, Texas
- City of Sunland Park Trails Masterplan, Sunland Park, New Mexico
- Montecillo Smart Code Development, El Paso, Texas

LEADERSHIP & SERVICE

Paso del Norte Health Foundation, REALIZE Leadership Program 2013-2014; **Advisory Member, Texas Health Institute** Health in all Policies, 2013; **Chairman, City Plan Commission** El Paso, Texas, 2009; **Ysleta Education Foundation** Board Member, 2010-2012; **Fellow, Creative Cities Leadership Program**
Richard Florida Creative Group, 2006-2007

SELECTED WORK

- El Paso County Parks and Recreation Master Plan - El Paso, TX
- El Paso Mission Trail Masterplan - El Paso, TX
- El Paso Alameda Corridor Study - Public Engagement - El Paso, TX
- Sunland Park Trails Masterplan - Sunland Park, NM
- Viva Laredo Comprehensive Plan - Laredo, TX
- Horizon Transit Oriented Development Standards - Horizon, TX
- 100+ public engagement projects

MARIO A. PEÑA AIA, AICP, CNU-A
PARTNER

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EDUCATION

University of Colorado at Boulder
Bachelor in Architecture

Harvard University
Early College Credits

Instituto Tecnologico de Estudios
Superiores, Monterrey
Architecture Study Abroad

Registered Architect with the State of Texas
License No. 20580

Number of years licensed: +11 years

CERTIFICATIONS

The Congress for New Urbanism
CNU: Accredited Member

International Council of Shopping Centers, Certified Construction, Design, & Development Professional

PROFESSIONAL EXPERIENCE: +18yrs

Able City
Principal/Owner 2017 - present

Hickey Peña Architects
Principal/Owner 2008 - present

Turner, Hickey & Associates
Associate Partner 2001 - 2008

BIOGRAPHY

Mario A. Peña is a registered Architect in the state of Texas and Florida, and a certified Planner with over 18 years of experience, eight of which have been as principal of a design firm. Mario has focused on creating and leading teams of professionals with a passion for design, sensibility for creative and sensible problem solving, and unwavering customer service. He has continued to enhance his professional skills broadening his expertise in the areas of retail development and urban planning. Mario has been a contributor to the Laredo Morning Times and Laredos News commenting on urban planning and walkability. You can also find him on the Rivard Report as it covered Mario's presentation on SA Tomorrow's impact on neighborhood master plans and equity planning. Texas Architect Magazine featured Mario's work on community outreach as the basis of visioning transformative comprehensive plans.

SELECTED PROJECTS

- Plan Viva Laredo Comprehensive Plan
- San Antonio Housing Authority Alazan Courts Redevelopment
- Boulevard of the Americas Highway/Boulevard Conversion
- San Antonio UDC Assessment and Review
- VIA Metropolitan Transportation UDC Assessment and Review
- Laredo New Unified Development Code
- District III & IV Neighborhood Action Plan
- District VII Priority Funds Charrette
- El Milagro Town Plan
- Viva Laredo Comprehensive Plan
- R.E.A.L. Transit Multi-modal Facility
- El Metro Transit Center Redesign LEED
- Public Safety Headquarters
- Laredo Transit Operating Facility
- Laredo Building and Land Development Code
- Texas A&M International University Master Plan
- Encinal North Development Master Plan
- Paseo Casa Blanca Master Plan
- Del Rio Comprehensive Plan
- Eagle Pass Downtown Master Plan
- Horizon City TOD Guidelines

Bilingual in English and Spanish

LUIS ESCALANTE
PLANNER

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EDUCATION
University of Texas at San Antonio
Master of Urban & Regional Planning

University of Maryland Global Campus
Bachelor of Science in Finance

PROFESSIONAL EXPERIENCE:
Able City
Planner (2023 – Present)

Weston Urban
Property Administrator (2022–2023)

AWARDS AND COMPETITIONS
2023 Master's Project Honors Award
University of Texas at San Antonio

LEADERSHIP AND SERVICE
Professional Development, Urban Planning Student Association
Board Member (2022-2023)

BIOGRAPHY
Luis Escalante is a recent graduate from the University of Texas at San Antonio, earning a M.S. in Urban and Regional Planning. His expertise is in housing research related to corporate landlords and housing affordability. His research explores corporate owners operating in the housing market and potential effects on housing affordability. He believes access to affordable, adequate, housing is the gateway to addressing housing challenges of any urban or rural community.

Luis strives to create better communities through understanding and addressing local housing issues via research and broader planning efforts.

SELECTED WORK
- City of San Antonio Mixed Use District Illustrations
- City of San Antonio Annexation Illustrations
- San Antonio Parks and Recreation Youth Master Plan
- Texas Tech University Campus Plan - El Paso, TX
- Alazan Courts Master Plan - San Antonio, TX
- SA Tomorrow Sub Area Plan - San Antonio, TX
- San Antonio Mixed Use Districts
- Webb Laredo Vision Zero, Laredo, TX
- Master's Thesis: "Corporate Landlord Activity in the Housing Market: An Exploratory Analysis of San Antonio, TX" - San Antonio, TX
- Conference Presentation: "Tamox Talom Food Forest" at the 2022 American Planning Association Texas Chapter – El Paso, TX

Bilingual in English and Spanish

SABRINA LOPEZ
COMMUNITY ENGAGEMENT SPECIALIST

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EDUCATION

The University of Texas at Austin
B.S. Nutritional Science, Didactic Program in Dietetics

LICENSES & CERTIFICATIONS

NCI Charrette System Certification Training
In Progress

SPECIAL SKILLS

Bi-lingual in English & Spanish

Community Engagement

Project Management

PROFESSIONAL EXPERIENCE

Able City • San Antonio, TX
Community Engagement, 2023–present

City Makery
Project Coordinator, 2022–2023

Laredo Country Club
Line Cook, 2021

Longhorn Stream Team
President, Trip Lead, 2018–2021

BIOGRAPHY

Sabrina Lopez, a dynamic community engagement coordinator, has spent the last two years fostering community connections with creativity and passion. Engaging and collaborating with key stakeholders, Sabrina played a pivotal role in crafting Laredo's inaugural Healthy Food System Plan, embraced by the City Council. As the driving force behind the Laredo Food Town Symposium, she successfully drew over 180 participants, solidifying community partnerships and creating an opportunity for feedback on the Plan. Her impactful initiatives extend to orchestrating press conferences to amplify awareness of food access challenges and cultivating vital partnerships with public and private stakeholders. Proficient in Spanish, she ensures inclusive communication, fostering collaborative progress in community development.

SELECTED PROJECTS

- Laredo, Texas Food Town Symposium: Spearheaded the two-day event that included a keynote speaking engagement, panel discussion, and local vendor market with over 180 people in attendance resulting in enhanced community participation, partnerships, and feedback.
- Laredo's first Healthy Food System Plan: Coordinated and collaborated with a team of 12 organizations in the creation of LHFSP and coordinated its adoption by the City Council of Laredo.
- Spearheaded a check presentation and press conference that boosted local awareness of our work on food access.
- Cultivated and nurtured partnerships with City of Laredo staff, and key private and public stakeholders in the local food system.
- Aided in community outreach and communicated with neighborhood residents in Spanish while maintaining a collaborative partnership.

Bilingual in English and Spanish

JASON KING AICP, CNU-A
DOVER, KOHL, & PARTNERS PLANNING

DOVER, KOHL & PARTNERS
town planning

EDUCATION

Master of Community Planning (MCP)

Bachelor of Arts in English (BA)

University of Rhode Island

South Kingston, Rhode Island

PROFESSIONAL EXPERIENCE

Principal Town Planner

2006 to Present

Dover, Kohl & Partners

Coral Gables, Florida

AFFILIATIONS

American Institute of Certified Planners Certified Member (AICP)

Congress for the New Urbanism Accredited Member (CNU-a)

PUBLICATIONS

The Climate Planner (2021)

Jason King

Sustainable Urbanism (2007)

Doug Farr, contr. Jason King

SELECTED LECTURES

Miami Smart City Expo (2021)

"The Climate Planner"

CNU Park Bench (2021)

"Next Steps in Climate Planning"

CNU Park Bench (2020)

"Planning for Climate Migration"

BIOGRAPHY

Jason King serves as Principal and Senior Project Director at Dover, Kohl & Partners. He has directed multidisciplinary teams around the country and has served as the project director and prime author on over 200 plans for cities, towns, neighborhoods, and corridors. He has led several virtual charrettes across the U.S. since the appearance of COVID and the first virtual charrette in Missoula, Montana in March of 2020 according to the National Charrette Institute. Jason's work has focused on social, economic, and climate change resilience. Jason authored the book: The Climate Planner: Overcoming Pushback Against Local Mitigation and Adaptation Plans (Routledge 2021). Jason's work is featured in numerous planning texts such as Sustainable Urbanism (2007), Form-Based Codes (2008), and Street Design (2014) and he has been interviewed by the New York Times, Planning Magazine, and National Public Radio.

SELECTED PROJECTS

Imagine Lubbock Together, Lubbock, TX: Lubbock's downtown core and adjacent neighborhoods have struggled for decades to recover from a devastating direct blow from an F5 tornado that struck in 1970. The large downtown and adjacent neighborhoods feature high vacancy levels and noticeable gaps in the urban fabric. The Lubbock Chamber of Commerce initiated the Imagine Lubbock Together Vision and Strategic Plan to create focused efforts to reinvigorate the downtown core and surroundings, coupled with recommendations to increase coordination between various governmental agencies, businesses and citizen groups to generate future physical improvements, economic prosperity and a greater quality of life.

Viva Laredo, Laredo, TX: Dover, Kohl & Partners teamed with local architects, Frank Hickey Peña Joint Venture, to create a detailed Comprehensive Plan to guide the city's growth and development. The goals, objectives, and strategies of the plan involved all aspects of City administration and community life: land use, downtown revitalization, urban design, historic preservation, mobility, housing, sustainability, health, and economic developments.

SEVEN50, The Prosperity Plan for Southeast FL: Seven50 is the plan for the seven counties of Southeast Florida for the next fifty years. The region includes 121 municipalities and over six million people.

El Paso Comprehensive Plan, El Paso, TX: Jason headed the Plan El Paso planning initiative which involved multiple charrettes and a multi-disciplinary team which worked with residents, stakeholders, and officials from the City, state and Fort Bliss Army Base, to create the El Paso's overarching policy document.

TAB

5 FORMS & INSURANCE

A copy of your current certificate of insurance for professional liability.
System for Award Management.
Form CIQ.

Respondents will be required to show the ability to provide the services described herein. Respondent shall then provide a detailed description of how they meet the requirement, describing their knowledge and experience, as well as providing discrete examples of previous work where applicable.

Insert System for Award Management (SAM) record search for company name and company principal

SAM SYSTEM FOR AWARD MANAGEMENT

Entity Overview Details

DUNS: 081140270
Status: Submitted

118 Broadway St Ste 529
San Antonio, TX, 78205 - 1983
UNITED STATES

D&B Legal Business Name: Able City, LLC
Doing Business as: (none)

Core Data

Business Information:

Business start date:	02/17/2017
Fiscal year end close date:	12/31
Company Division Name:	
Company Division Number:	
Corporate URL:	
Congressional District:	TX 35
Registration Date:	05/06/2020
Activation Date:	N/A
Expiration Date:	05/20/2021
Renewal Date:	
MPIN:	*****ity1

Physical Address:

Address line 1	118 Broadway St Ste 529
City	San Antonio
State	TX
ZIP/ Postal Code	78205 - 1983
Country	UNITED STATES

Mailing Address:

Address line 1	118 Broadway St Ste 529
City	San Antonio
State	TX
ZIP/ Postal Code	78205 -
Country	UNITED STATES

Sensitive Information:

EIN: *****6597

IRS Consent:

Tax payer name:	Able City LLC
Address Line 1:	118 Broadway St Ste 529
Address Line 2:	
City:	San Antonio
State:	TX
Country:	UNITED STATES
Zip/Postal Code:	78205 -
Type of Tax:	Applicable Federal Tax
Tax Year (Most Recent Tax Year)	2019
Name of individual executing consent:	Viviana Frank
Title of the individual executing consent:	Partner
Signature:	Viviana Frank
TIN Consent Date:	05/20/2020

CAGE/NCAGE Code:

Does this entity have an Immediate	No
Does this entity have any	No

General Information

Country of Incorporation:	UNITED STATES
State of Incorporation:	TX
Company Security Level	
Highest Employee Security Level:	

Business Types:

For more information on an entity's socio-economic status please see SBA's Dynamic Small Business Search.

Business Types
- Hispanic American Owned
- Woman Owned Small Business
- Woman Owned Business
- Minority Owned Business
- Self Certified Small Disadvantaged Business

Entity Structure
- Partnership or Limited Liability Partnership

Entity Type
- Business or Organization

Organization Factors
- Limited Liability Company

Entity Details PDF report generated from www.sam.gov Wednesday 20 May 2020 11:03 AM Page 1 of 4

CONFLICT OF INTEREST QUESTIONNAIRE

FORM CIQ

For vendor doing business with local governmental entity

This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.

This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. *See* Section 176.006(a-1), Local Government Code.

A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.

OFFICE USE ONLY

Date Received

1 **Name of vendor who has a business relationship with local governmental entity.**

2 ☐ **Check this box if you are filing an update to a previously filed questionnaire.** (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)

3 **Name of local government officer about whom the information is being disclosed.**

N/A

Name of Officer

4 **Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.**

A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income, other than investment income, from the vendor?

☐ Yes ☐ No

B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?

☐ Yes ☐ No

5 **Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.**

6 ☑ Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).

7

Signature of vendor doing business with the governmental entity

02/05/2024

Date

Client#: 1734822 ABLECITY1

ACORD™ CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 4/11/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer any rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME: Michelle Weweh
USI Southwest 9811 Katy Freeway, Suite 500 Houston, TX 77024 713 490-4600	PHONE (A/C, No, Ext): 713 490-4600 FAX (A/C, No): 713-490-4700 E-MAIL ADDRESS: usi.certrequest@usi.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : US Specialty Insurance Company	29599
INSURER B :	
INSURER C :	
INSURER D :	
INSURER E :	
INSURER F :	

INSURED
Able City, LLC
901 Victoria Street, Suite A
Laredo, TX 78040

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	$
	☐ CLAIMS-MADE ☐ OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$
							MED EXP (Any one person)	$
							PERSONAL & ADV INJURY	$
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$
	☐ POLICY ☐ PRO-JECT ☐ LOC						PRODUCTS - COMP/OP AGG	$
	OTHER:							$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$
	☐ ANY AUTO						BODILY INJURY (Per person)	$
	☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
	☐ UMBRELLA LIAB ☐ OCCUR						EACH OCCURRENCE	$
	☐ EXCESS LIAB ☐ CLAIMS-MADE						AGGREGATE	$
	☐ DED ☐ RETENTION $							$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N						☐ PER STATUTE ☐ OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? ☐	N / A					E.L. EACH ACCIDENT	$
	(Mandatory in NH)						E.L. DISEASE - EA EMPLOYEE	$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - POLICY LIMIT	$
A	Professional Liab Claims Made & Rep Retro: 9/06/96			USS2333727	04/05/2023	04/05/2024	$1,000,000 per claim $2,000,000 annl aggr.	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

The Professional Liability policy provide a Blanket Waiver of Subrogation when required by written contract, except as prohibited by law.
For Information Purposes

Named Insured Includes:
(See Attached Descriptions)

CERTIFICATE HOLDER

Able City, LLC
901 Victoria St., Ste. A
Laredo, TX 78040

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

James E. Zimmerman

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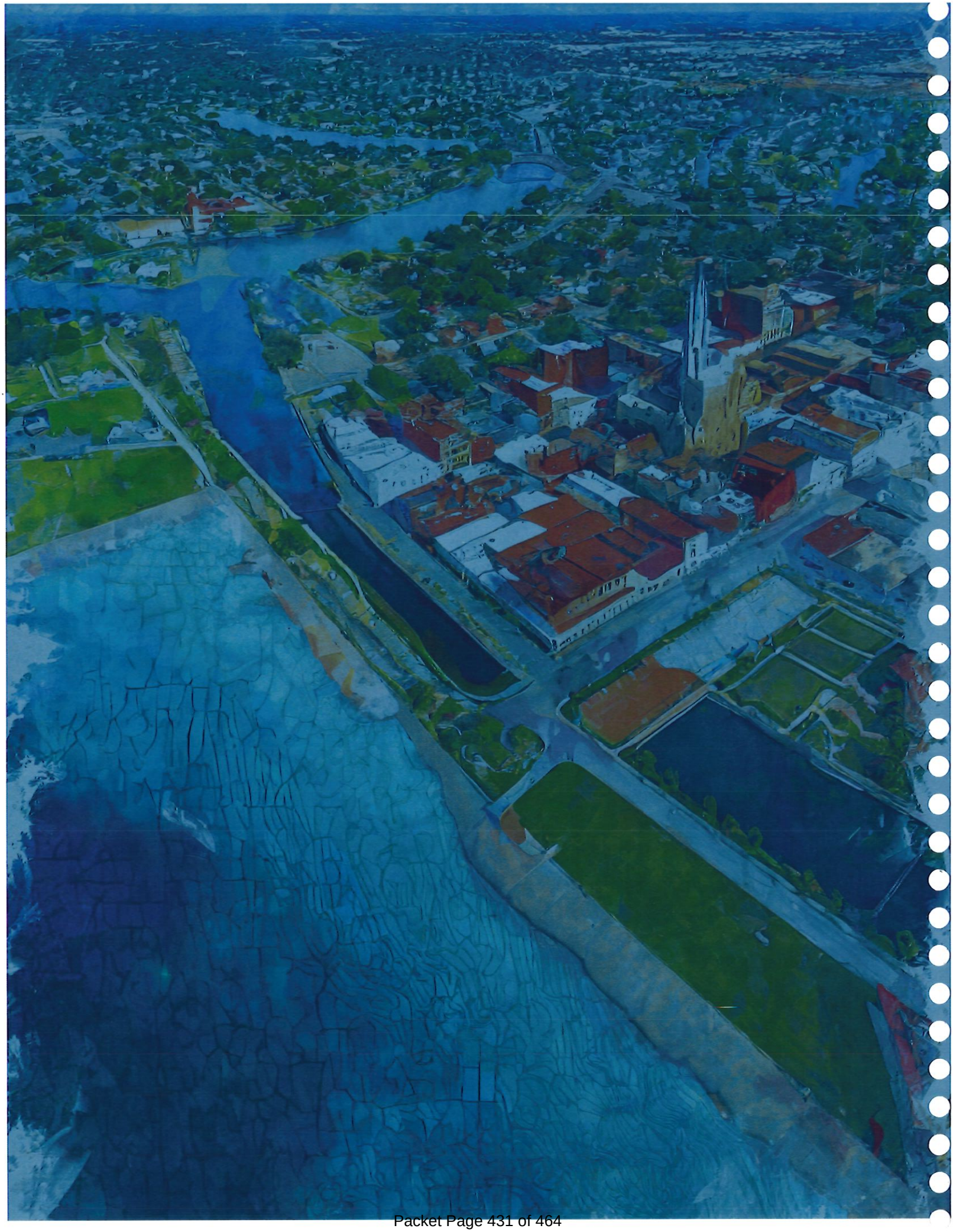
DESCRIPTIONS (Continued from Page 1)

Frank Architects, Inc.
Hickey Pena Architects
InSite Works, LLC dba Able City



CITY COUNCIL AGENDA
Amended Regular Meeting: March 12, 2024

AGENDA ITEM: 20

Deliberate and take appropriate action to send a team to Austin to talk about various City of Ingleside projects including the proposed SH 200 project.

SUBMITTED BY: Brenton Lewis, City Manager

APPROVED FOR AGENDA: Brenton Lewis, City Manager

BACKGROUND:

The City of Ingleside has been working with TxDOT since 1985 on the development of SH 200. The development of SH 200 would alleviate a major portion of traffic on SH 1069 as employees report to and return from work from the City industrial partners. Since the City desires the completion of the SH 200 project, and has several projects that will enhance the health, safety, and welfare of the citizens and visitors of/to Ingleside, a concentered effort to accomplish the projects needs to be escalated.

FISCAL ANALYSIS:

Cost of Travel

RECOMMENDATION:

Designation of team and approval of travel.

ATTACHMENTS:

None

CITY COUNCIL AGENDA
Amended Regular Meeting: March 12, 2024

AGENDA ITEM: 21

Tabled 02/13/2024 Deliberate and take appropriate action on the first reading of an Ordinance amending Ingleside Code of Ordinances Chapter 14-Animal Control and Animals, Article I - In General, Article II - Prohibitions, Enforcement and Penalties, Article III - Licenses and Permits and Administrative Procedures, Article IV - Animal and Rabies Control, Article V - Care and Keeping of Animals, Article VI - Beekeeping and providing for effective date, reading, severance, and publication.

SUBMITTED BY: Tammy Burr, Police Chief

APPROVED FOR AGENDA: Brenton Lewis, City Manager

BACKGROUND:

This agenda item was tabled from the February 13, 2024 to the March 12, 2024 meeting. The tabling was to receive additional public input and council review. As previously stated: The City of Ingleside Animal Control Unit, under the supervision of the Ingleside Police Department, has determined that in order to respond to the changes in animal control and protection which are required by law, it is necessary to update Ingleside Code of Ordinance, Chapter 14- Animal Control. This update is needed to better protect the health, safety and welfare of the citizens of Ingleside, and to comply with existing law.

Staff was unable to meet to discuss the input received from council and the public.

FISCAL ANALYSIS:

N/A

RECOMMENDATION:

Staff recommends the item be tabled to the March 26, 2024 City Council meeting.

ATTACHMENTS:

1. DRAFT - Ingleside Animal Ordinances (V2)

ORDINANCE 2024-____

AN ORDINANCE AMENDING INGLESIDE CODE OF ORDINANCES CHAPTER 14-ANIMAL CONTROL AND ANIMALS, ARTICLE I – IN GENERAL, ARTICLE II-PROHIBITIONS, ENFORCEMENT AND PENALTIES, ARTICLE III-LICENSES AND PERMITS AND ADMINISTRATIVE PROCEDURES, ARTICLE IV-ANIMAL AND RABIES CONTROL, ARTICLE V-CARE AND KEEPING OF ANIMALS, ARTICLE VI-BEEKEEPING AND PROVIDING FOR EFFECTIVE DATE, READING, SEVERANCE, AND PUBLICATION.

CHAPTER 14 – ANIMAL CONTROL AND ANIMALS

ARTICLE I – GENERAL PROVISIONS

Sec. 14-1. – Purpose.

It is the intent and purpose of this chapter to provide a safe and healthy environment within the city limits for both animals and residents. While a resident may own and keep animals within the city limits, the conduct of those animals and the conditions in which the animals are kept should not infringe on the surrounding residences and businesses.

Sec. 14-2. – Enforcement.

(a) Enforcement of this chapter shall be the primary responsibility of the Animal Control Officers; however; Peace Officers, and other persons/agencies designated by the city may also enforce provisions of this chapter.
(b) It is a violation of this chapter to interfere with, obstruct, resist, or oppose any officer while such person is apprehending an animal or performing any other duties.
(c) Any Animal Control Officers, Peace Officers, or other persons/agencies designated by the city has the right to pursue and apprehend animals running at large onto private property while enforcing the provisions of this chapter. The use of catchpoles, cages, live traps, bite sticks, tasers, or other animal related equipment is authorized to be used.

Sec. 14-3. – Penalty.

(a) Any person, firm, or corporation who violates, disobeys, omits, or refuses to comply with, or who resists enforcement of any of the provisions of this chapter shall be punished. Each violation of this chapter shall be deemed a separate offense and each day that violation exists shall constitute a separate offense.
(b) This penalty should not be construed as exclusive, and the city shall be authorized to pursue all other criminal and civil remedies to which it is entitled to under the authority of other ordinances or State law.
(c) Penalties involving the issuance of citations shall be no less than seventy-five dollars ($75.00) nor more than five hundred dollars ($500) per violation.

Sec. 14-4. – Culpable Mental State.

Unless specifically provided in this chapter, an offense under this chapter shall not require a culpable mental state. It is the intent of this chapter to impose strict liability for any violation of this chapter.

Sec. 14-5. – Definitions.

Adequate Shelter: shall be a structure having, three (3) sides, and a roof; must be large enough to allow the animal to stand, sit, lay down, and make a full rotation and must provide protection from inclement weather

Animal: any living vertebrate, creature, domestic or wild, other than Homo Sapiens.

Animal Control Officer: a person who is employed, appointed, or otherwise engaged primarily to enforce laws relating to animal control and who is not a peace officer.

Apiary: a place where one (1) or more bee colonies are kept.

At Large: not contained within an owners' property or residence by means of fence, cage, kennel, leash or lead; or not contained on a leash with an owner who is immediately, physically, visually or obviously present and in competent command.

Bee: any stage of the common domestic honeybee, apis mellifera species.

Beekeeper: any person(s) who owns or who is in care, custody, and control of any bees, hives, colonies, and apiaries; also applies to person(s) who knowingly allows bees, hives, colonies, and apiaries to remain in their care, custody, control, or on their property for a minimum of three (3) consecutive days.

Bibcock: a faucet with a bent nozzle fixed at the end of a pipe.

Cat: a male or female of any feline species, domesticated and feral/stray.

Circus: A commercial variety show featuring animal acts for public entertainment.

Collar: any collar constructed of nylon, leather, or similar material, specifically designed to be used for a cat or dog.

Colony: a hive and its equipment and appurtenances including, but not limited to, bees, comb, honey, pollen, and brood.

Dangerous Dog: makes an unprovoked attack on a person that causes bodily injury and occurs in a place other than an enclosure in which the dog was being kept and that was reasonably certain to prevent the dog from leaving the enclosure on its' own; or commits unprovoked acts in a place other than an enclosure in which the dog was being kept and that was reasonably certain to prevent the dog from leaving the enclosure on its' own and those acts cause a person to believe that the dog will attack and cause bodily injury to that person.

Days: shall mean calendar days.

Dog: a male or female of any canine species, domesticated and feral/stray.

Feral: in a wild state, especially after escape from captivity or domestication.

Fowl: any live bird, including ostriches, rheas, cassowaries, and emus.

Guard Dog: any dog that is utilized to protect commercial business/property.

Hive: a structure intended for the housing of a bee colony.

Impound: temporary confinement.

Limit Law: a "Limit Law" is a restriction on the number of animals an owner or household may own.

Livestock: shall include, but is not limited to, cattle, horses, donkeys, or mules.

Local Rabies Control Authority (LRCA): the officer designated to enforce State and local standards for rabies control as well as rules adopted in Texas Health and Safety Code, Chapter 826, Rabies, Section 826.045, Area Rabies Quarantine.

Microchip: a permanent method of electronic identification implanted under the skin between the shoulder blades in the back of the neck; each microchip has a unique number and can be detected using a microchip scanner.

Owner: any person(s) who owns or who is in care, custody, and control of an animal; also applies to person(s) who knowingly allows animals to remain in their care, custody, control, or on their property for a minimum of three (3) consecutive days or provides food, water, shelter, or veterinary care for any amount of time.

Peafowl: shall include, but is not limited to, peacocks and pheasant.

Performing animal exhibition: Any spectacle, display, act or event other than circuses, in which performing animals are used.

Poultry: shall include, but is not limited to, chickens, turkeys, ducks, geese, or other domestic fowl.

Quarantine: strict confinement of an animal specified in an order by a department or its designee either on the private premises of the animal's owner or at a facility approved by a department or its designee and under restraint, closed cage or paddock or in any other manner approved by a department or its designee.

Rabies: an acute viral disease of human and animal affecting the central nervous system and usually transmitted through saliva.

Rodeo: An exhibition or competition of the skills of cowboys, as horsemanship, lassoing, etc., for public entertainment.

Shelter: a structure having a floor, three (3) sides, and a roof; must be large enough to allow the animal to stand, sit, lay down, and make a full rotation.

Small Animals: shall include, but is not limited to, rabbits, rats, mice, hamsters, gerbils, guinea pigs, pygmy hedgehogs, or sugar gliders.

Small Livestock: shall include, but is not limited to, goats, sheep, or pigs.

Sterilization: the surgical removal of the reproductive organs or the nonsurgical methods and techniques approved by the United States Food and Drug Administration or the United States Department of Agriculture to permanently render an animal unable to reproduce.

Stray: being loose, or wandering all-by-itself.

Transport: to take or carry from one place to another via vehicle, aircraft, or ship.

Wildlife: shall include, but not limited to, skunks, raccoons, opossums, foxes, and coyotes.

ARTICLE II – CATS AND DOGS

Sec. 14-6. – Dogs At Large.

It shall be unlawful for an owner to allow domesticated dogs to run at large. All domesticated dogs on public property shall be properly contained on a leash with an owner who is immediately, physically, visually or obviously present and in competent command.

(a) Owners of a dog, determined to be at large, shall be liable for injuries and damages to persons or property other than their own.

(b) When at large, any dog who displays fierce, dangerous or vicious propensities or has bitten, scratched, or otherwise attacked any person or other animal and is unable to be caught, impounded or identified shall be destroyed without prior notice to the owner.
(c) When at large, any dog found to be injured to the extent that it is passed recovery, in the opinion of an Animal Control Officer, Peace Officer, or other persons/agencies designated by the city, shall be destroyed by such persons if the animal or owner is not able to be identified in a timely manner; also applies to injured domesticated/stray/feral cats.
(d) An offense under this section is a Class C misdemeanor.

Sec. 14-7. – Rabies Vaccine.

It shall be unlawful for an owner to keep a domesticated cat or dog, over the age of four (4) months, unless such cat or dog has been immunized against rabies in accordance with State law.

(a) The rabies vaccination shall be administered by a licensed veterinarian in the state of Texas and the cat or dog is not considered current until thirty (30) days have elapsed from the vaccination date.
(b) Rabies Tags shall be publicly displayed on a collar when the cat or dog is in public.
(c) Rabies documentation shall be made accessible to any Animal Control Officer, Peace Officer, or other persons/agencies designated by the city when asked; failure to provide documentation shall deem the cat or dog as unvaccinated.
(d) Owners having cats or dogs contained on private property are subject to rabies vaccination questioning if said cat or dog is in plain view from a public area.
(e) An offense under this section is a Class C misdemeanor.

Sec. 14-8. – Pet License.

It shall be unlawful for an owner to keep a domesticated cat or dog, over the age of four (4) months, unless such cat or dog has been issued a current pet license in accordance with this section.

(a) Pet licenses shall be obtained no more than thirty (30) days after the cat or dog reaches four (4) months of age and the animal has resided within the city limits for a minimum of thirty (30) days. New pet licenses may be obtained at any time the animal begins residing within the city.
(b) Rabies vaccination and applicable fees are required to complete pet license application.
(c) Pet licenses are valid for twelve (12) months from the date of issuance or rabies vaccination expiration; whichever comes first. If rabies vaccination expires, proof of new rabies vaccination and applicable fees are required to obtain a new pet license.
(d) Pet licenses cannot be duplicated; if lost or stolen, proof of rabies vaccination and applicable fees are required to obtain a new pet license.
(e) Owners may not have dual pet licenses; cats or dogs with a valid pet license from another city shall maintain said pet license until expiration prior to obtaining a pet license.
(f) Pet License tags shall be publicly displayed on a collar when the cat or dog is in public.

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(g) Pet License documentation shall be made accessible to any Animal Control Officer, Peace Officer, or other persons/agencies designated by the city when asked; failure to provide documentation shall deem the cat or dog as unlicensed.
(h) Owners having cats or dogs contained on private property are subject to pet license questioning if said cat or dog is in plain view from a public area.
(i) An offense under this section is a Class C misdemeanor.

Sec. 14-9. – Unauthorized Removal of Tags or Collars.

It shall be unlawful for anyone, other than the owner of, Animal Control Officers, Peace Officers, or other persons/agencies designated by the city, to remove tags or a collar from a cat or dog as required by this section.

(a) An offense under this section is a Class C misdemeanor.

Sec. 14-10. – Cat and Dog Sterilization.

It shall be unlawful for an owner to adopt a domesticated cat or dog from the animal shelter without having said cat or dog sterilized.

(a) Upon adoption a sterilization agreement shall be signed indicating the date in which the cat or dog is to be sterilized.
(b) Cats and dogs which have not been sterilized are subject to reclamation; an owner shall not prevent, obstruct, or interfere with reclamation.
(c) An offense under this section is a Class C misdemeanor.

Sec. 14-11. – Vehicle Containment.

It shall be unlawful for an owner to contain their cat or dog in a vehicle on any roadway, alley, park, public premises, or private property in the following ways:

(a) Moving Vehicles:
    1. No owner shall transport a cat or dog unless said cat or dog is properly contained in an enclosure used to transport people or, if in the bed of a vehicle, in a vented container or cage, by chain or rope, or other device cross tied to prevent falling, jumping, or strangling.
    2. No owner shall permit their cat or dog to ride in the drivers' seat or in the front or rear dashboards.
(b) Parked Vehicles:
    1. No owner shall leave a cat or dog unattended for longer than five (5) minutes, regardless of weather conditions, windows cracked/rolled down, air conditioner running, etc.
    2. Animal Control Officers, Peace Officers, or other persons/agencies designated by the city are authorized to use reasonable force, including the breaking of a side window, to remove a cat or dog whenever it appears the health, safety, and welfare of said cat or dog is or soon will be endangered.
(c) An offense under this section is a Class C Misdemeanor.

Sec. 14-12. – Unlawful Restraint.

It shall be unlawful for an owner to leave a dog outside and unattended by the use of a restraint unless the owner provides access to:

(a) Adequate Shelter;
(b) An area that allows the dog to avoid standing water and exposure to excessive animal waste;
(c) Shade from direct sunlight;
(d) Potable water;
(e) Between the hours of 10pm-6am;
(f) Within five hundred (500) feet of the premises of a school;
(g) In the case of extreme weather conditions, including, but not limited to conditions in which:
    1. The actual or effective outdoor temperature is below thirty-two (32) degrees Fahrenheit
    2. A heat advisory has been issued by a local or state authority or jurisdiction
    3. A hurricane, tropical storm, or tornado warning has been issued for the jurisdiction by the National Weather Service.
(h) A restraint that unreasonably limits a dog's movement, such as:
    1. Uses a collar that is pinch-type, prong-type, or choke-type or that is not properly fitted;
    2. Is a length shorter than the greater of:
        i. Five (5) times the length of the dog, as measured from the tip pf the nose to the base of the tail
        ii. Ten (10) feet;
    3. Attached to a collar or harness not properly fitted;
    4. Is in an unsafe condition;
    5. Causes injury to the dog;
    6. Is locked by any type of lock;
    7. Has weights attached; or
    8. Is a chain of any thickness/length.
(i) This section does not apply to:
    1. A dog lawfully restrained to a running line, pulley, or trolley system;
    2. A dog lawfully restrained in compliance with requirements of a camping or recreational area as defined by a federal, state, or local authority or jurisdiction;
    3. A dog unlawfully restrained for a reasonable period, not to exceed three (3) hours in a twenty-four (24) hour period;
    4. A dog unlawfully restrained for no longer than is necessary for the owner to complete a temporary task that requires unlawful restraint;
    5. A dog lawfully restrained while the owner is engaged in, or actively training for, an activity that is conducted pursuant to a valid license issued by the state ID the activity for which the license is issued is associated with the use or presence of a cat or dog;
    6. A dog lawfully restrained while the owner is engaged in conduct directly related to the business of shepherding or herding cattle or livestock;

7. A dog lawfully restrained while the owner is engaged in conduct directly related to the business of cultivating agricultural products, if the restraint is reasonably necessary for the safety of the cat or dog.

(j) If an owner fails to comply with this section in respect to more than one (1) dog, each dog constitutes a separate offense.

(k) This section does not apply to a dog being walked on a hand-held leash.

(l) An offense under this section is a Class C misdemeanor.

Sec. 14-13. – Cat and Dog Limit Law.

It shall be unlawful for an owner residing in the city limits to own more than six (6) domesticated cats or dogs, in any combination. Households with multiple owners shall not own more than six (6) domesticated cats or dogs, in any combination.

(a) Owners or households owning/having more than six (6) domesticated cats or dogs, prior to the effective date of this section, shall be allowed to keep all said domesticated cats or dogs so as long as the following criteria is met:
   1. The owner shall ensure all cats or dogs have a current rabies vaccination no later than thirty (30) days after the effective date of this section.
   2. The owner shall ensure all cats or dogs have a current pet license no later than thirty (30) days after the effective date of this section.
   3. The owner shall annually maintain rabies vaccination and pet license for all cats and dogs under this section.

(b) Owners or households found to be in violation of this section shall be given a seventy-two (72) hour written notice to remove said cat or dog from the city limits.

(c) This section does not apply to owners with approved breeding permits from the Texas Department of Licensing and Regulation (TDLR).
   1. TDLR Permit documentation shall be made accessible to any Animal Control Officer, Peace Officer, or other persons/agencies designated by the city when asked; failure to provide documentation shall revoke this exception.

(d) An offense under this section is a Class C misdemeanor.

Sec. 14-14. – Dangerous Dog.

It shall be unlawful for an owner to keep, own, maintain, use or have in their possession or on a premise under their control a dangerous dog within the city limits.

(a) Dangerous dog investigations may be prompted by citizen complaints or by any Animal Control Officers, Peace Officers, or other persons/agencies designated by the city.

(b) Dangerous dog investigations shall be conducted within ten (10) days of the receipt of a complaint and the owner shall be given written notice of the investigation within twenty-four (24) hours.

(c) All investigations shall be conducted in accordance with State law.

(d) Dogs under investigation shall be quarantined at the animal control facility for the duration of the ten (10) day investigation at the owners' expense.

(e) Owners shall receive written notice of the investigation results within seventy-two (72) hours of the tenth (10^{th}) day following the investigation.

(f) All applicable fees shall be paid prior to the release of any dog to their owner and the owner shall immediately comply with the written notice or by 5pm (Central Standard Time) of the date listed on the written notice.
(g) Any owner wanting to appeal the written notice shall surrender their dog to the animal control facility until the hearing is held at their own expense.
(h) Any dog deemed dangerous and found within the city limits shall immediately be seized by Animal Control Officers, Peace Officers, or other persons/agencies designated by the city, without notice to the owner.
(i) An offense under this section is a Class C misdemeanor.

Sec. 14-15. – Dog on Animal Attack and Investigation.

It shall be unlawful for an owner to keep, own, maintain, use or have in their possession or on a premise under their control within the city limits a dog that is known to repeatedly attack other animals. These animals include, but are not limited to, cats, dogs, livestock, small livestock, poultry, peafowl, or small animals.

(a) Dog on Animal Attack investigations may be prompted by citizen complaints or by any Animal Control Officers, Peace Officers, or other persons/agencies designated by the city.
(b) Dog on Animal Attack investigations shall be conducted within ten (10) days of the receipt of a complaint and the owner shall be given written notice of the investigation within twenty-four (24) hours.
(c) Dogs under investigation shall be quarantined at the animal control facility for the duration of the ten (10) day investigation at the owners' expense.
(d) Owners shall receive written notice of the investigation results within seventy-two (72) hours of the tenth (10^{th}) day following the investigation.
(e) All applicable fees shall be paid prior to the release of any dog to their owner and the owner shall immediately comply with the written notice or by 5pm (Central Standard Time) of the date listed on the written notice.
(f) Any owner wanting to appeal the written notice shall surrender their dog to the animal control facility until the hearing is held at their own expense.
(g) Any dog deemed to have repeatedly attacked other animals found within the city limits shall immediately be seized by Animal Control Officers, Peace Officers, or other persons/agencies designated by the city, without notice to the owner.
(h) An offense under this section is a Class C misdemeanor.

Sec. 14-16. – Guard Dogs & Permit.

It shall be unlawful for an owner to keep, own, maintain, use or have in their possession or on a premise under their control within the city limits a guard dog unless said premise is a commercial business and a permit has been obtained.

(a) Guard Dog permits shall be obtained prior to the keeping, owning, maintaining, or use of guard dogs.
(b) Applicable fees are required to complete permit application.
(c) Adequate shelter, water and food shall be provided at all times.

(d) Guard Dog permits are valid for twelve (12) months from the date of issuance.
(e) Guard Dog permits shall be completed within thirty (30) days of expiration of previous permit.
(f) Guard Dog permit documentation shall be made accessible to any Animal Control Officer, Peace Officer, or other persons/agencies designated by the city when asked; failure to provide documentation shall deem the guard dog as unpermitted.
(g) Owners having guard dogs contained on commercial properties are subject to permit questioning if said guard dogs are in plain view from a public area.
(h) Guard dog violations including, but not limited to, not obtaining an approved permit, at large, public nuisance, limit law, or failure to provide adequate shelter or water, shall result in the revocation of any and all Guard Dog permits for a minimum of twelve (12) months, but not to exceed twenty-four (24) months.
(i) Guard Dog permits are not transferrable between owners of the same guard dog or owners of the same commercial business.
(j) If an owner owns multiple commercial businesses, a separate Guard Dog permit is required for each commercial property the guard dog will be kept, owned or maintained, regardless of the amount of time the guard dog will be on premise.
(k) An offense under this section is a Class C misdemeanor.

Sec. 14-17. – Rabies Quarantine.

All cats and dogs having bitten or scratched a person shall be rabies quarantined per the instruction of the Local Rabies Control Authority (LRCA) and in accordance with Texas Health and Safety Code, Chapter 826, Rabies.

(a) Cats and dogs needing to be rabies quarantined shall be observed for a period of not less than ten (10) days and turned over to the LRCA or an Animal Control Officer immediately.
(b) Owners shall receive written notice of the rabies quarantine within twenty-four (24) hours of the incident.
(c) Rabies Quarantine shall be conducted in accordance with State law.
(d) Cats and dogs shall be rabies quarantined at the owners' expense.
(e) Upon completion of the rabies quarantine, cats and dogs shall be released back to the owner if no clinical signs of rabies have been observed and applicable fees have been paid.
(f) Owners and victims shall receive written notice of the results of the rabies quarantine within seventy-two (72) hours of the tenth (10^{th}) day following the completion of the rabies quarantine.
(g) Any cat or dog showing clinical signs of rabies during the rabies quarantine period shall immediately be destroyed and tested.
(h) If the cat or dog is unowned, or if at any time during rabies quarantine ownership is renounced, the animal may be destroyed and tested for rabies.
(i) An offense under this section is a Class C misdemeanor.

Sec. 14-18. – Feral and Stray Cat Trapping.

It shall be unlawful for a person to shoot, kill or hunt feral and stray cats. Feral and stray cats may be trapped on private property to remedy nuisance issues.

(a) Trapping.

1. Traps shall be checked, by the person setting the trap, at least once every twelve (12) hours.
2. The use of steel-jawed spring traps, mechanical jaw traps, snares, or leg hold traps are prohibited.
3. A person may notify Animal Control Officers to have feral and stray cats removed or contact local shelters or organizations who may take the cat.
4. Humane care shall be provided for any trapped cats including food, water, and shelter until removed.
5. An unauthorized person shall not relocate feral and stray cats within the city limits.
6. An unauthorized person shall not euthanize feral and stray cats.
7. Any Animal Control Officer, Peace Officer, or other persons/agencies designated by the city may shoot, kill, hunt, and relocate feral and stray cats if necessary and authorized by Animal Control Officer or Peace Officer.

(b) An offense under this section is a Class C misdemeanor.

Sec. 14-19. – Cat or Dog Inspection.

Any Animal Control Officers, Peace Officers, or other persons/agencies designated by the city shall inspect any cats or dogs or any visible premises where cats or dogs are kept, owned or maintained as long as said cats or dogs are within plain view.

Sec. 14-20. – Cat or Dog Seizure.

Any Animal Control Officers, Peace Officers, or other persons/agencies designated by the city shall seize any cat or dog in violation of this chapter regardless if an owner is present or notified. All cats or dogs shall be impounded at the animal control facility and are subject to current processes, procedures and dispositions.

ARTICLE III – LIVESTOCK, SMALL LIVESTOCK, POULTRY, PEAFOWL AND SMALL ANIMALS.

Sec. 14-21. – Permit Required.

It shall be unlawful for an owner to keep, own, maintain, use or have in their possession or on a premise under their control within the city limits livestock, small livestock, poultry, peafowl, or small animals without an approved permit.

(a) Initial livestock, small livestock, poultry, peafowl, or small animal permits shall be obtained prior to the keeping, owning, maintaining, or use of livestock, small livestock, poultry, or small animals.
(b) Applicable fees are required to complete permit application.
(c) Adequate shelter for livestock, small livestock, poultry, peafowl, or small animals shall be provided and livestock, small livestock, poultry, peafowl, or small animals shall not

come within seventy-five (75) feet of a neighboring structure serving as a residence or business, unless said structure belongs to the owner obtaining the permit.

(d) This section is not applicable for livestock, small livestock, poultry, peafowl, or small animals kept in completely enclosed structures or fenced facilities or properties on two (2) acres or more.

(e) Livestock, small livestock, poultry, peafowl, or small animal permits are valid for twelve (12) months from the date of issuance.

(f) Renewal of livestock, small livestock, poultry, peafowl, or small animal permits shall be completed within thirty (30) days of expiration of previous permit.

(g) Livestock, small livestock, poultry, peafowl, or small animal permit documentation shall be made accessible to any Animal Control Officer, Peace Officer, or other persons/agencies designated by the city when asked; failure to provide documentation shall deem the livestock, small livestock, poultry, peafowl, or small animals as unpermitted.

(h) Owners having livestock, small livestock, poultry, peafowl, or small animals contained on private property are subject to permit questioning if said livestock, small livestock, poultry, peafowl, or small animals are in plain view from a public area.

(i) Livestock, small livestock, poultry, peafowl, or small animal violations including, but not limited to, not obtaining an approved permit, at large, public nuisance, limit law, or failure to provide adequate shelter or water, shall result in the revocation of any and all livestock, small livestock, poultry, peafowl, or small animal permits for a minimum of twelve (12) months, but not to exceed twenty-four (24) months.

(j) An offense under this section is a Class C misdemeanor.

Sec. 14-22. – Livestock, Small Livestock, Poultry, Peafowl and Small Animal Inspection.

An owner having livestock, small livestock, poultry, peafowl, or small animals on their property are subject to inspection with or without an approved livestock, small livestock, poultry, peafowl, or small animal permit. Inspections shall be completed by an Animal Control Officer at a reasonable time of day and only with consent of an owner. In the event consent is not given, an administrative code enforcement search warrant must be obtained.

Sec. 14-23. – Roosters.

It shall be unlawful for an owner to keep, own, maintain, use or have in their possession or on a premise under their control within the city limits roosters. Owners or households found to be in violation of this section shall be given a seventy-two (72) hour written notice to remove said rooster from the city limits.

Sec. 14-24. – Livestock Limit Law.

It shall be unlawful for any person residing in the city limits to own more livestock than listed below:

(a) Limits based on acreage:

1. 0.25-0.74 acres: zero (0) livestock animal
2. 0.75-0.99 acres: one (1) livestock animal

3. 1.0-1.99 acres: three (3) livestock animals
4. 2.0 and more acres: discretion of Animal Control Officer

(b) Owners or households found to be in violation of this section shall also be given a seventy-two (72) hour written notice to remove said livestock from the city limits.

(c) Owners shall not own more than thirty (30) animals when combining livestock, small livestock, poultry, peafowl, or small animals on the same property.

(d) An offense under this section is a Class C misdemeanor.

Sec. 14-25. – Small Livestock Limit Law.

It shall be unlawful for any person residing in the city limits to own more small livestock than listed below:

(a) Limits based on acreage:
1. 0.25-0.74 acres: zero (0) small livestock animal
2. 0.75-0.99 acres: two (2) small livestock animals
3. 1.0-1.99 acres: four (4) small livestock animals
4. 2.0 and more acres: discretion of Animal Control Officer

(b) Owners or households found to be in violation of this section shall also be given a seventy-two (72) hour written notice to remove said small livestock from the city limits.

(c) Owners shall not own more than thirty (30) animals when combining livestock, small livestock, poultry, peafowl, or small animals on the same property.

(d) An offense under this section is a Class C misdemeanor.

Sec. 14-26. – Poultry and Peafowl Limit Law.

It shall be unlawful for any person residing in the city limits to own more poultry or peafowl than listed below:

(a) Limits based on acreage:
1. 0.25-0.74 acres: ten (10) poultry or peafowl animals
2. 0.75-0.99 acres: fifteen (15) poultry or peafowl animals
3. 1.0-1.99 acres: twenty-five (25) poultry or peafowl animals
4. 2.0 and more acres: discretion of Animal Control Officer

(b) Owners or households found to be in violation of this section shall also be given a seventy-two (72) hour written notice to remove said poultry or peafowl from the city limits.

(c) Owners shall not own more than thirty (30) animals when combining livestock, small livestock, poultry, peafowl, or small animals on the same property.

(d) An offense under this section is a Class C misdemeanor.

Sec. 14-27. – Small Animal Limit Law.

It shall be unlawful for any person residing in the city limits to own more small animals than listed below:

(a) Limits based on acreage:
1. 0.25-0.74 acres: five (5) small animals
2. 0.75-0.99 acres: eight (8) small animals

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3. 1.0-1.99 acres: thirteen (13) small animals
4. 2.0 and more acres: discretion of Animal Control Officer

(b) Owners or households found to be in violation of this section shall also be given a seventy-two (72) hour written notice to remove said small animals from the city limits.

(c) Owners shall not own more than thirty (30) animals when combining livestock, small livestock, poultry, peafowl, or small animals on the same property.

(d) An offense under this section is a Class C misdemeanor.

Sec. 14-28. – Livestock, Small Livestock, Poultry, Peafowl, and Small Animals At Large and Grazing.

Except as specifically provided in this chapter, an owner may not allow livestock, small livestock, poultry, peafowl, or small animals to run at large. Livestock, small livestock, poultry, peafowl, or small animals shall not be on any public property.

(a) Owners of livestock, small livestock, poultry, peafowl, or small animals, determined to be at large, shall be liable for injuries and damages to persons or property other than their own.

(b) When at large, any livestock, small livestock, poultry, peafowl, or small animals who displays fierce, dangerous or vicious propensities or has bitten, scratched, or otherwise attacked any person or other animal and is unable to be identified shall be destroyed without notice to the owner.

(c) When at large, any livestock, small livestock, poultry, peafowl, or small animals found to be injured to the extent that it is past recovery, in the opinion of an Animal Control Officer, Peace Officer, or other persons/agencies designated by the city, shall be destroyed by such persons if the animal or owner is not able to be identified in a timely manner.

(d) It shall be unlawful for an owner to stake livestock or small livestock near any roadway, alley, park, or public premises for the purpose of grazing.

(e) An offense under this section is a Class C misdemeanor.

ARTICLE IV – OTHER.

Sec. 14-29. – Public Nuisance.

It shall be unlawful for an owner to allow their animal(s) to create a public nuisance. This section applies to all animals regulated by this chapter and any animals who meet the following criteria:

(a) Frequent, habitual, or offensive meowing, barking, crying, yelping, howling or other noise;

(b) Improper collecting and disposing of all feces, trash and debris related to, or caused by, any category of animal on public property or on private property other than their own;

(c) Allows feces to accumulate on one's own private property, thus creating overpowering smell or offensive sight if viewed in plain view from a public or neighboring area;

(d) Attacking other animals including, but not limited to, cats, dogs, livestock, small livestock, poultry, peafowl, or small animals;
(e) Obstructing the flow of traffic;
(f) Molests passing vehicles, bicyclists, scooters, walkers, or joggers;
(g) More than three (3) at large violations within six (6) consecutive months for the same animal(s).
(h) More than two (2) rabies vaccination violations within six (6) consecutive months for the same cat or dog;
(i) More than two (2) pet license violations within six (6) consecutive months for the same cat or dog;
(j) More than three (3) impoundments at the animal control facility within six (6) consecutive months for the same cat or dog.
(k) Owners who have received three (3) or more public nuisance violations within twelve (12) consecutive months for the same animal shall be given a seventy-two (72) hour written notice to remove said animal from the city limits.
(l) An offense under this section is a Class C misdemeanor.

Sec. 14-30. – Adequate Shelter and Water.

This section applies to all animals, except stray cats, regulated by this chapter.

(a) All animals shall have access to adequate shelter twenty-four (24) hours a day/ seven (7) days a week.
    1. The use of a single shelter is acceptable as long as it allows all animals individually, or cohabitating, to stand, sit, laydown, and make a full rotation if all are inside at the same time.
(b) All animals shall have access to adequate water twenty-four (24) hours a day/ seven (7) days a week.
    1. Water shall be clean, debris free, and cool enough to drink.
    2. The container in which the water is kept shall be large enough to contain enough water for the time the animals will be outside and shall be within reach of said animal(s).
(c) Cats and dogs contained outside for longer than ten (10) minutes, with or without an owner who is immediately, physically, visually or obviously present and in competent command, shall adhere to this section.
(d) Cats and dogs shall not be contained upon any open, unfenced, vacant lot, land, or property.
(e) Cats and dogs shall not be contained in such a manner that would enable a cat or dog to cross over a sidewalk, roadway, alley or into a park, or public/private premises.
(f) An offense under this section is a Class C Misdemeanor.

Sec. 14-31. – Animals for Sale.

This section applies to all animals regulated by this chapter.

(a) It shall be unlawful for any person to display or offer for sale or offer to give away any animal in a public place, including highways, streets, sidewalks, alleys or parks within the city limits.

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(b) It shall be unlawful for any person to sell or deliver in quantities of less than five (5) live chickens, ducklings, goslings or rabbits to any person within the period of ten (10) days prior to Easter Sunday within the city limits.

(c) It shall be unlawful for any person to give away or offer to give away any live animal as a prize for, or as an inducement to enter any contest, game or other competition, or as an inducement to enter a place of amusement; or offer such animal as an incentive to enter into any business agreement whereby the offer was for the purpose of attracting trade.

(d) It shall be unlawful for any person to sell, offer for sale, barter or display any living animals which have been dye, colored or otherwise treated so as to impart to it an artificial color.

(f) An offense under this section is a Class C Misdemeanor.

Sec. 14-32. – Prohibited Animals.

It shall be unlawful for an owner to keep, own, maintain, use or have in their possession or on a premise under their control within the city limits any of the following unless permitted by a state or federal agency:

(a) Class Reptiles: Family Helodermatidea (the venomous lizards) and all Varanidae (monitor); order Ophidia, family Boidoe (boas, pythons, anacondas) family Hydrophiidae (marine snakes); family Viperidae (rattlesnakes, pit vipers and true vipers); family Elapidae (coral snakes, cobras and mambas); family Colubridae, Dispholidus Typus (boomslang), Cyclagras gigas (water cobra), Boiga dendrophila (mangrove snake) and Kertlandii (twig snake) only, order Crocodilia (crocodiles, alligators and gavials);

(b) Class Aves: Order Falconiforms, (such as hawks, eagles and vultures) and subdivision Rapitae (such as ostriches, rheas, cassowaries and emus);

(c) Class Mammalia: Order Carnivora, (the family felidae) except household cats: the family Canidae (such as wolves, dingos, coyotes and jackals), except dogs: the family Mustelidae (such as weasels, skunks, martins, mink badgers): family procyonidae (raccoon); family Ursidae (such as bears); and order Marsupialia (such as kangaroos, opossums); order Chiroptera (bats); order Edentata (such as sloths, anteaters and armadillos); order Proboscidea (elephants); order Primata (such as monkeys, chimpanzees, gorillas and lemurs); order Rodentia (such as porcupines); and order Ungulata (such as antelope, deer, bison and camels);

(d) Class Amphibia: Poisonous frogs;

(e) Class Arachnida: Order Scorpiones (scorpions); order Araneae, genus, Loxosceles (recluse spiders such as brown recluse spider); order Araneae, genus, Latrodectus (such as black widow, red widow and brown or gray widow spiders)

(f) Dangerous Wild Animals per Chapter 822, Regulation of Animals, Section 822.101(4), Dangerous Wild Animals;

(g) any hybrid of an animal listed in this section.

(h) An offense under this section is a Class C misdemeanor.

Sec. 14-33. – Wildlife.

Wildlife may be lawfully trapped on private property to remedy nuisance issues.

(a) Trapping.
    1. Traps shall be checked, by the person setting the trap, at least once every twelve (12) hours.
    2. The use of steel-jawed spring traps, mechanical jaw traps, snares, or leg hold traps are prohibited.
    3. A person shall notify Animal Control Officers to have trapped wildlife removed, released, or euthanized.
    4. Humane care shall be provided for any trapped wildlife including food, water, and shelter until removed by an Animal Control Officer.
    5. An unauthorized person shall not relocate or euthanize wildlife.

(b) Injured Wildlife.
    1. A person may notify Animal Control Officers to have the wildlife removed or contact local rehabilitation organizations.
    2. An unauthorized person shall not relocate or euthanize injured wildlife.

(c) Any Animal Control Officer, Peace Officer, or other persons/agencies designated by the city may shoot, kill, hunt, relocate, and euthanize wildlife if necessary and authorized by Animal Control Officer or Peace Officer.

(d) An offense under this section is a Class C misdemeanor.

Sec. 14-34. - Performing Animal Exhibitions.

(a) Permit Required.
    1. Initial Animal Exhibition, Rodeo, and Circus permits shall be obtained prior to the keeping of any animals for said Animal Exhibitions, Rodeos, and Circuses that are induced or encouraged to perform.
    2. Applicable fees are required to complete permit application.
    3. Any applicant applying for an Animal Exhibition, Rodeo, or Circus permit must provide public liability insurance naming the city as additional insured in the amount of five hundred thousand dollars ($500,000.00) for personal injury, five hundred thousand dollars ($500,000.00) aggregate for bodily injury, and one hundred thousand dollars ($100,000.00) for property damage. The city shall be notified in writing at least ten (10) days in advance of any insurance cancellations.
    4. Any applicant applying for an Animal Exhibition, Rodeo, or Circus permit must indemnify the city and its officials/employees against any damage or injury caused by the applicant's actions or inactions or any liability incurred in relation to the granting of any permit.
    5. Adequate shelter shall be provided for any animals that are induced or encouraged to perform and shall not come within two hundred (200) feet of a neighboring structure serving as a residence or business. All proper zoning regulations must be upheld.
    6. Animal Exhibition, Rodeo, or Circus permits are valid for ten (10) working days from the date of issuance.

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7. Animal Exhibition, Rodeo, or Circus permit applicants are subject to inspection of their premises or the location of the event, operational planning, and implemented safety measures prior to approval of an Animal Exhibition, Rodeo, or Circus permit.
8. Any applicant applying for an Animal Exhibition, Rodeo, or Circus permit shall be required to have a nonprofit, charitable, civic or educational organization which has had its principal place of activity within the city for a period of three (3) years, as a sponsor.
9. Animal Exhibition, Rodeo, or Circus permit documentation shall be made accessible to Animal Control Officers, Peace Officer's or other persons/agencies designated by the city when asked; failure to provide documentation shall deem the Animal Exhibition, Rodeo, or Circus as unpermitted.

(b) Prohibited Animals.

1. Any applicant applying for an Animal Exhibition, Rodeo, or Circus permit may request limited permission to possess a prohibited animal within the city limits for the duration of the permit.
2. Possession of a prohibited animal pursuant to this section shall be exempt from the terms of section 4.27 and subject to regulations prescribed by the city manager or designee for indemnification of the city, proof of insurance, and other such conditions deemed necessary to preserve the safety and welfare of the public.

(c) An offense under this section is a Class C misdemeanor.

ARTICLE VI – BEEKEEPING.

Sec. 14-35. – Permit Required.

It shall be unlawful for a beekeeper to keep, own, maintain, use or have in their possession or on a premise under their control within the city limits bees, hives, colonies, and apiaries without an approved permit.

(a) Initial bees, hives, colonies, and apiaries permits shall be obtained prior to the keeping, owning, maintaining, or use of bees, hives, colonies, and apiaries.
(b) Applicable fees are required to complete permit application.
(c) Adequate containment for bees, hives, colonies, and apiaries shall be provided and bees, hives, colonies, and apiaries shall not come within twenty-five (25) feet of a neighboring public or private property line, unless said public or private property line belongs to the owner obtaining the permit, without a flyway barrier.
(d) All bee colonies shall be kept in Langstroth type hives with removable frames, which shall be branded, painted, or clearly marked with the name, phone number and address of the beekeeper.
(e) Any required flyway barrier shall be at least six (6) feet in height, parallel to the property line, and extending ten (10) feet in all directions, so that bees are forced to fly at an elevation of at least six (6) feet above ground level; the flyway barrier shall be a solid wall, fence, dense vegetation, or a combination of thereof.

(f) Any hives required to be equipped with a flyway barrier, shall have posted signs, at least six (6) feet in height, and shall be branded, painted, or clearly marked with the name, phone number and address of the beekeeper; signs are required to be posted, at a minimum, in the front and the rear of the flyway.
(g) Bees, hives, colonies, and apiaries permits are valid for twelve (12) months from the date of issuance.
(h) Renewal of bees, hives, colonies, and apiaries permits shall be completed within thirty (30) days of expiration of previous permit.
(i) Bees, hives, colonies, and apiaries permit documentation shall be made accessible to any Animal Control Officer, Peace Officer, or other persons/agencies designated by the city when asked; failure to provide documentation shall deem the bees, hives, colonies, and apiaries as unpermitted.
(j) Beekeepers having bees, hives, colonies, and apiaries contained on private property are subject to permit questioning if bees, hives, colonies, and apiaries are in plain view from a public area.
(k) Bees, hives, colonies, and apiaries violations including, but not limited to, not obtaining an approved permit, aggressive characteristics, public nuisance, limit law, or failure to provide containment or water, shall result in the revocation of any and all bees, hives, colonies, and apiaries permits for a minimum of twelve (12) months, but not to exceed twenty-four (24) months.
(l) An offense under this section is a Class C misdemeanor.

Sec. 14-36. – Bees, Hives, Colonies, and Apiaries Inspection.

Any Animal Control Officers, Peace Officers, or other persons/agencies designated by the city shall inspect any bees, hives, colonies, and apiaries or any premises where bees, hives, colonies, and apiaries are kept, owned or maintained at any reasonable hour, or at any hour in cases of emergency.

Sec. 14-37. – Water.

This section applies to all bees, hives, colonies, and apiaries regulated by this chapter.

(a) All bees shall have access to a convenient source of water shall twenty-four (24) hours a day/ seven (7) days a week to avoid bees congregating at swimming pools, bibcocks, animal watering bowls, bird baths, or other water sources where they may cause human, bird, or domestic animal contact.
(b) An offense under this section is a Class C Misdemeanor.

Sec. 14-38. – Colony Limit Law.

It shall be unlawful for any beekeeper residing in the city limits to own more colonies than listed below:

(a) Limits based on acreage:
    1. 0.25-0.74 acres: four (4) colonies
    2. 0.75-0.99 acres: six (6) colonies
    3. 1.0-1.99 acres: eight (8) colonies
    4. 2.0 and more acres: discretion of Animal Control Officer

(b) Beekeepers found to be in violation of this section shall also be given a seventy-two (72) hour written notice to remove said colonies from the city limits.
(c) An offense under this section is a Class C misdemeanor.

Sec. 14-39. – Queens.

This section applies to all bees, hives, colonies, and apiaries regulated by this chapter.

(a) All hives shall be re-queened annually when a quarantine or regulated area declared by the Texas Apiary Inspection Service is in effect.
(b) All hives exhibiting aggressive characteristics shall be re-queened immediately; aggressive characteristics include, but are not limited to, stinging without provocation or swarming
(c) All queens selected for re-queening shall be selected from stock bred for gentle and non-swarming characteristics and from a non-quarantined area.
(d) An offense under this section is a Class C Misdemeanor.

Sec. 14-40. – Public Nuisance.

It shall be unlawful for a beekeeper to allow their bees to create a public nuisance. This section applies to all bees, hives, colonies, and apiaries that meet the following criteria:

(a) A colony or colonies shall not be kept in such a manner or disposition as to:
    1. Cause any unhealthy condition.
    2. Interfere with the normal use and enjoyment of human or animal life of others.
    3. Interfere with the normal use and enjoyment of any public or private property.

(b) Any bee comb or other materials that might attract bees shall be disposed of properly by placing it in a sealed container or within a bee proof container.
(c) An offense under this section is a Class C Misdemeanor.

ARTICLE VI – ANIMAL CONTROL PERSONNEL, DUTIES AND FACILITY.

Sec. 14-41. – Personnel and Duties.

(a) Animal Control Officers.
    1. Shall enforce State animal laws and this chapter.
    2. Shall properly cite for violations of State law and this chapter.
    3. Shall apprehend animals found in violation of this chapter.
    4. Shall properly file complaints for violations of state Law and this chapter.
    5. Shall properly maintain the animal control facility in accordance with State law and Standard Operating Procedures.
    6. Shall properly care for animals at the animal control facility.
    7. Shall charge owners for services conducted through the animal control facility.
(b) Local Rabies Control Authority (LRCA).
    1. Shall enforce State standards for rabies control.
    2. Shall enforce local standards for rabies control.
    3. Shall enforce rules adopted in Texas Health and Safety Code, Chapter 826, Rabies, Section 826.045, Area Rabies Quarantine.

Sec. 14-42. – Animal Control Facility.

Animals seized under this chapter shall be transported to the animal control facility and processed in accordance with the Standard Operating Procedures and Fees and Fine Schedule of the animal control facility.

(a) Standard Operating Procedures.
    1. shall be posted at the animal control facility and are available upon request.

(b) Fees and Fine Schedule.
    1. shall be posted at the animal control facility and are available upon request.

Sec. 14-43. – Tampering with Animal Control Facility and Equipment.

(a) Animal Control Facility.
    1. No person shall enter or attempt to enter the animal control facility without proper authority or consent.
    2. No person shall remove or attempt to remove animals or items from the animal control facility.
    3. No person shall tamper with or damage the animal control facility.

(b) Animal Control Equipment.
    1. No person shall remove or attempt to remove animal control equipment regardless of where it is located.
    2. No person shall tamper with or damage animal control equipment regardless of where it is located.

(c) An offense under this section is a Class C misdemeanor.

Sec. 14-44. – Appeal and Hearing.

An owner may appeal any decisions made by Animal Control Officers, Peace Officers, or other persons/agencies designated by the city as it pertains to sections regarding the removal of cats, dogs, livestock, small livestock, poultry, peafowl, or small animals, bees, hives, colonies, and apiaries from the city limits. An appeal shall be made to the Municipal Court no later than the tenth (10^{th}) day upon receiving written notice.

Sec. 14-45. – Fees and Fine Schedule.

(a) Adoption Fees – adoption fees are non-refundable
    1. Cats – $25.00
    2. Dogs – $25.00
    3. All animals adopted are subject to microchip services at the expense of the owner if not microchipped prior to adoption

(b) Pet License – valid for twelve (12) months or expiration of rabies vaccination (whichever comes first)
    1. Dogs - $20.00 (with proof of rabies vaccination)
    2. Cats - $20.00 (with proof of rabies vaccination)
    3. Lost/Stolen - $5.00 (with proof of current license)

(c) Pet Wellness Services – must be paid in full prior to appointment
    1. Microchips - $15.00

(d) Impoundment – must be paid in full prior to reclaim
    1. 1st Impound - $20.00 (plus daily rate)
    2. 2nd or More Impound - $30.00 (plus daily rate)
    3. Daily Rate - $20.00 (same prices for full and half days)
    4. All animals impounded are subject to microchip services at the expense of the owner if not microchipped at time of impoundment
(e) Quarantine – must be paid in full prior to release
    1. Rabies Quarantine – fee is subject to current pricing with Ingleside Animal Hospital
    2. Dangerous Dog Investigation - $200.00 (plus microchip fee)
    3. Dog on Animal Attack Investigation - $200.00 (plus microchip fee)
(f) Permit Fee – must be paid in full prior to appointment
    1. Guard Dog - $10.00 (non-refundable if permit is not approved)
    2. Livestock, Small Livestock, & Poultry - $10.00 (non-refundable if permit is not approved)
    3. Small Animal - $10.00 (non-refundable if permit is not approved)
    4. Performing Animal Exhibition - $25.00 (non-refundable if permit not approved)
    5. Bees, Hives, Colonies, and Apiaries - $10.00 (non-refundable if permit is not approved)

SECTION 2. EFFECTIVE DATE. As provided by Article III, Section 3. 11. 0 of the Charter of the City of Ingleside, this ordinance shall be effective upon adoption and, in addition, if any penalty, fine or forfeiture is imposed by this ordinance, then this ordinance shall be effective only after publication of this ordinance in its entirety or in summary form once in the official newspaper of the City of Ingleside.

SECTION 3. READING. As provided by Article III, Section 3. 11. B of the Charter of the City of Ingleside, this ordinance or the caption of it shall be read at two city council meetings with at least two weeks elapsing between each reading.

SECTION 4. SEVERANCE. If any part of this ordinance is invalid or void or is declared to be so, then said part shall be severed from the balance of this ordinance and said invalidity shall not affect the balance of this ordinance, the balance of the ordinance to be read as if said invalid or void portion thereof were not included.

SECTION 5. PUBLICATION. If and as required by Article III, Section 3. 11. 0 of the Charter of the City of Ingleside, the caption of this ordinance shall be published one time in the official newspaper of the City of Ingleside, San Patricio County, Texas.

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Passed, Ordained, Approved, and Adopted this _____day of _____, 2024.

CITY OF INGLESIDE

_____
Pedro Oscar Adame, Mayor

ATTEST:

_____
Ruby Beaven, City Secretary

First Reading: _____

Second Reading: _____

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CITY COUNCIL AGENDA
Amended Regular Meeting: March 12, 2024

AGENDA ITEM: 22

Announcements of Community Interest and/or upcoming events.

SUBMITTED BY: Ruby Beaven, City Secretary

APPROVED FOR AGENDA: Ruby Beaven, City Secretary

BACKGROUND:

A. San Patricio County Adult Literacy Raffle, March 17
B. Ingleside Round Up Days, March 22-24
C. Ingleside Parks & Recreation Flashlight Egg Hunt, March 22
D. Ingleside Parks & Recreation Sensory Sensitive Egg Hunt, March 23
E. Ingleside VFW Easter Egg Hunt, Ingleside, March 30
F. Crawfish Cook-Off, Ingleside, April 19-20
G. Smokin' Tires & Light'n Fires, Ingleside, May 31-June 1
H. Best of the Bay Fishing Tournament Scholarship Fundraiser, Ingleside, July 26-27

FISCAL ANALYSIS:

N/A

RECOMMENDATION:

Information Only.

ATTACHMENTS:

1. Community Events

SAN PATRICIO COUNTY ADULT LITERACY COUNCIL

Name: _____

Phone # _____

San Patricio County

Adult Literacy Raffle

313 N. Rachel St. Sinton Tx. 78387

Tickets $5.00 each or 5 For $20.00

City Chix $200.00 Gift Certificate

Wine Basket ($100 value)

$100 in Scratch Offs Board

$100+ Local Restaurant Certificates

Spring Door Wreath ($100 Value)

Home Interiors & Gifts Table Décor

Rockport Tours-$100 Gift Cert.

City Chix $200 Gift Certificate

Decorative Wood Bench $250 Value

$100+ Fast Food Gift Card Basket

Drawing to be held on March 17, 2024

Proceeds Will Benefit Teacher and Student Materials for Adult Literacy, GED, ESL and Citizenship Classes for San Patricio County, Tx. Texas Residents

Purchase a ticket for our local Adult Literacy

$5 each

$20 booklet

Drawing will be held on March 17th, 2024

INGLESIDE
ROUND UP
DAYS
AND
Music Festival
DAILY ADMISSION $5
WEEKEND PASS $10
8 & UNDER MILITARY FREE
VIP TABLES $500
PURCHASE HERE!
52ND ANNUAL
MARCH 22ND, 23RD, & 24TH
SAT, 23RD 11AM-2PM FREE ENTRY
N.O. SIMMONS PARK
INGLESIDETXCHAMBER.COM
FRIDAY
BART CROW
SATURDAY
MARCOS OROZCO
SUNDAY
¡CONJUNTO!
INGLESIDE
CHAMBER OF COMMERCE AND VISITORS CENTER
Budweiser
Kiewit
OXY

Ingleside Parks and Recreation

FLASHLIGHT EGG HUNT

YOUR PARAGRAPH TEXT

EGG HUNT WILL BE DIVIDED INTO AGE GROUPS

- 0-4 WITH 1 ADULT
- 5-9 YEARS OLD
- 10 AND UP

Lights out at 8:30PM

Friday, March 22, 2024

BENNIE DEIGEL BASEBALL COMPLEX
LIVE OAK PARK, INGLESIDE TX

INGLESIDE PARKS AND RECREATION

SENSORY SENSITIVE EGG HUNT

| SATURDAY |
MARCH 23, 2024
11:30A - 12P

THIS EGG HUNT IS DESIGNED FOR CHILDREN WITH SPECIAL DISABILITIES TO CELEBRATE THE EASTER HOLIDAY IN A SUPPORTIVE AND SENSORY-FRIENDLY ENVIRONMENT. THIS EGG HUNT WILL FOCUS ON CREATING AN INCLUSIVE AND ACCESSIBLE ATMOSPHERE.

HUMBLE YOUTH CENTER | INGLESIDE.TX

REGISTRATION IS REQUIRED TO ENTER THE EGG HUNT

INGLESIDE VFW POST 6386 & IVFD

EASTER EGG HUNT

ALL CHILDREN 10 AND UNDER
PLENTY OF EGGS TO HUNT
EASTER BUNNY PHOTOS AND MORE
BRING YOUR OWN BASKETS AND JOIN US!

MARCH 30TH

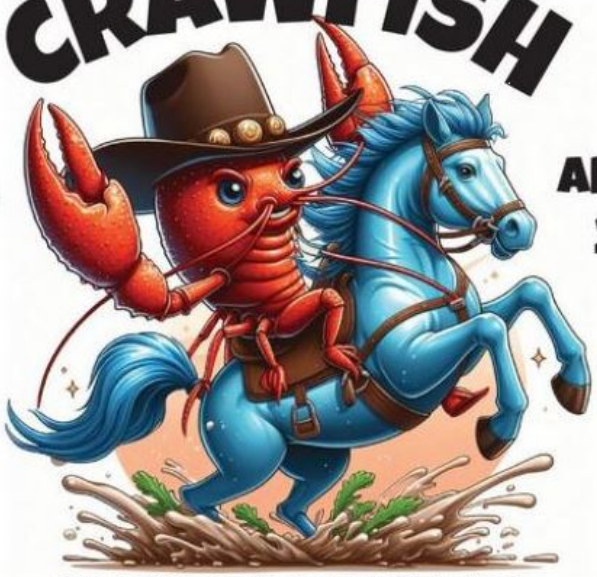
STARTS AT 11:00 AM

INGLESIDE VFW

1452 HWY 361. INGLESIDE. TX 748362

SAVE THE DATE

INGLESIDE CRAWFISH



APRIL 19

APRIL 20

COOK-OFF & TASTING

INGLESIDE CHAMBER OF COMMERCE AND VISITORS CENTER

May 31st -June 1st 2024

Lots of swag, prizes, raffles and more.

Friday, July 26, 2024 12:00 AM - Saturday, July 27, 2024 12:00 AM (CDT)

DESCRIPTION

10th Annual Best of the Bay Fishing Tournament Scholarship Fundraiser

IMAGES