

16,454

Application Filing and Authorized Representative Resolution

A RESOLUTION by the Commissioners Court of the Hunt County requesting financial assistance from the Texas Water Development Board; authorizing the filing of an application for assistance; and making certain findings in connection therewith.

BE IT RESOLVED BY THE Commissioners Court OF THE Hunt County:

SECTION 1: That an application is hereby approved and authorized to be filed with the Texas Water Development Board seeking financial assistance in an amount not to exceed \$ \$255,000 to provide for the costs of the Countywide Drainage Study.

SECTION 2: That Brian Toole be and is hereby designated the authorized representative of the Hunt County for purposes of furnishing such information and executing such documents as may be required in connection with the preparation and filing of such application for financial assistance and the rules of the Texas Water Development Board.

SECTION 3: That the following firms and individuals are hereby authorized and directed to aid and assist in the preparation and submission of such application and appear on behalf of and represent the Hunt County before any hearing held by the Texas Water Development Board on such application, to wit:

Financial Advisor: _____

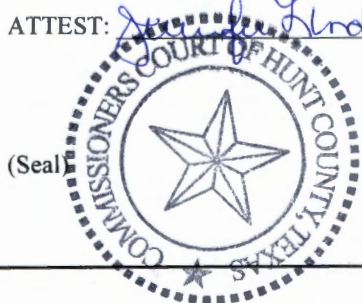
Engineer: _____

Bond Counsel: _____

PASSED AND APPROVED, this the 27 day of October, 2020.

ATTEST: Jennifer Lindenzweig

By: [Signature]



FILED FOR RECORD
at 12:55 o'clock P M
OCT 27 2020
JENNIFER LINDENZWEIG
County Clerk, Hunt County, TX
By: [Signature]

16.454

Application Affidavit

THE STATE OF TEXAS §
COUNTY OF Hunt §
APPLICANT _____ §

BEFORE ME, the undersigned, a Notary Public in and for the State of Texas, on this day personally appeared Brian Toole as the Authorized Representative of the County of Hunt, Texas, who being by me duly sworn, upon oath says that:

1. The decision by the Hunt County Commissioners Court (authority, city, county, corporation, district) to request financial assistance from the Texas Water Development Board ("TWDB") was made in a public meeting held in accordance with the Open Meetings Act (Government Code, §551.001, et seq,) and after providing all such notice as required by such Act as is applicable to the Hunt County Commissioners Court (authority, city, county, corporation, district) .

2. The information submitted in the application is true and correct according to my best knowledge and belief.

3. The Hunt County Commissioners Court (authority, city, county, corporation, district) has no pending, threatened, or outstanding judgments, orders, fines, penalties, taxes, assessment or other enforcement or compliance issue of any kind or nature by the Environmental Protection Agency, Texas Commission on Environmental Quality, Texas Comptroller, Texas Secretary of State, or any other federal, state or local government, except for the following (if no such outstanding compliance issues, write in "none").

None.

4. The Hunt County Commissioners Court (authority, city, county, corporation, district) warrants compliance with the representations made in the application in the event that the TWDB provides the financial assistance; and

5. the Hunt County Commissioners Court (authority, city, county, corporation, district) will comply with all applicable federal laws, rules, and regulations as well as the laws of this state and the rules and regulations of the TWDB.

[Signature]
Official Representative
Title: Hunt County Judge

SWORN TO AND SUBSCRIBED BEFORE ME, by Bobby W. Stovall,
on this 27 day of October, 2020



[Signature]
Notary Public, State of Texas

16,454

Application Resolution - Certificate of Secretary

THE STATE OF TEXAS §
COUNTY OF HUNT §
APPLICANT _____ §

I, the undersigned, Secretary of the Hunt County Commissioner Court Texas,
DO HEREBY CERTIFY as follows:

1. That on the 27 day of October, 20 20, a regular/special meeting of the
Hunt County Commissioners Court was held; the duly constituted members of the
Hunt County Commissioners Court being as follows:

Judge Bobby Stovall; Commissioners: Eric Evans, Pct. 1; Randy Strait, Pct. 2; Philip Martin, Pct. 3; Steve Harrison, Pct. 4.

all of whom were present at the meeting, except the following:

Among other business considered at the meeting, the attached resolution entitled:

"A RESOLUTION by the Commissioners Court of the Hunt County requesting
financial participation from the Texas Water Development Board; authorizing the filing of an application
for financial participation; and making certain findings in connection therewith."

was introduced and submitted to the Commissioner Court for passage and adoption. After
presentation and consideration of the resolution, and upon a motion made by _____ and
seconded by _____, the resolution was passed and adopted by the
Commissioner Court by the following vote:

voted "For" _____ voted "Against" _____ abstained

all as shown in the official minutes of the Commissioner Court for this meeting.

2. That the attached resolution is a true and correct copy of the original on file in the official records
of the Commissioner Court; the qualified and acting members of the Commissioner Court on
the date of this meeting are those persons shown above and, according to the records of my office, advance notice of
the time, place, and purpose of meeting was given to each member of the Commissioner Court; and that the
meeting, and the deliberations of the public business described above, was open to the public and written notice of
the meeting, including the subject of the resolution described above, was posted and given in advance of the meeting
in compliance with the provisions of Chapter 551 of the Texas Government Code.

IN WITNESS WHEREOF, I have signed my name and affixed the seal of
the Commissioner Court of Hunt County, this the 27 day of October, 20 20.



[Signature]
Secretary



Flood Protection Planning for Watersheds – Category 1

Due October 19, 2020 at 5:00 p.m. CST

Email to FIF@twdb.texas.gov Include the Applicant's Name, Abridged Application Number, and Category in the subject line.

Submittal Instructions: Please email one indexed, electronic copy to FIF@twdb.texas.gov using MS Word, Shapefile, Excel, and/or Adobe Acrobat. All Adobe Acrobat PDFs **must be searchable**. Include the Applicant's Name, Abridged Application Number, and Category in the subject line of the email. For applications in excess of 150 MB, please contact FIF@twdb.texas.gov for submission instructions.

For more information, please email FIF@twdb.texas.gov. Include the Applicant's Name, Abridged Application Number, and Category in the subject line of the email.

Example email subject line: Applicant Name, Abridged Application 12345, Category 1

Thank you.

Project information submitted in this application must be consistent with the project's submitted abridged application; any information that is inconsistent with the project's ranking in the prioritization list as approved by the board could result in the project losing prioritization points to the extent that the project may fall below the board-approved funding line. By submitting this Application, you understand and confirm that the information provided is true and correct to the best of your knowledge and further understand that the failure to submit a complete Application by the stated deadline, or to respond in a timely manner to additional requests for information, may result in the withdrawal of the Application without review.

GENERAL INFORMATION

Entity Name
Hunt County
Entity Type
County
A citation of the law under which the political subdivision operates and was created
Texas Local Government Code (LGC), Title 3, Chapter 71 – Texas State Legislature established Hunt County in 1846
Physical Address
Hunt County Courthouse 2507 Lee St. Greenville, TX, 75401
Mailing Address
Hunt County Courthouse 2507 Lee St., Room 107 Greenville, TX, 75401

Primary Contact Please list the primary project contact for day to day project implementation	Name	Brian Toole
	Title	Director of County Development
	Phone	903-408-4204
	Email	btoole@huntcounty.net

Grant Coordinator Internal <input checked="" type="checkbox"/> External <input type="checkbox"/>	Name	Brian Toole
	Title	Director of County Development
	Phone	903-408-4204
	Email	btoole@huntcounty.net

Other Contact (Financial Advisor, Legal/Bond Counsel, Project Engineer, etc.) <u>Project Engineer</u>	Name	David Rivera, PhD, PE, CFM
	Title	Project Manager – Freese & Nichols, Inc.
	Phone	214-217-2263
	Email	david.rivera@freese.com

Other Contact (Financial Advisor, Legal/Bond Counsel, Project Engineer, etc.) _____	Name	
	Title	
	Phone	
	Email	

Other Contact (Financial Advisor, Legal/Bond Counsel, Project Engineer, etc.) _____	Name	
	Title	
	Phone	
	Email	

GENERAL PROJECT INFORMATION

Abridged Application Number(s)	13625		
Project Name	Countywide Drainage Study		
Project Location (Latitude/Longitude)	33°07'N 96°05'W (County Centroid)		
Counties in Project's Area List counties where the project is located or providing service	Hunt County		
Category Invited For			
<input checked="" type="checkbox"/> Category 1 Flood Protection Planning for Watersheds	<input type="checkbox"/> Category 2 Planning, Acquisition, and Design, Construction / Rehabilitation (All combinations)	<input type="checkbox"/> Category 3 Federal Award Matching Funds	<input type="checkbox"/> Category 4 Measures immediately effective in protecting life and property

STATEMENT OF FUNDING

Please indicate the funding sources anticipated to sufficiently fund the project. Insert the dollar amounts applicable to the sources identified below. Entities may either use its own available funds or borrow FIF funds at 0% for any portion of the required local share not provided through the FIF grant funds. Other funding sources indicated below must be committed/awarded or under consideration by the funding agency. If federal funding is a source, please indicate the specific source and federal disaster number in the box below. While you may propose to use in-kind services on this form, any proposal must receive TWDB's approval.

Sources of Funding	Amount (\$)	Percent of Total Project Cost
a. Federal Funding Disaster Number:	\$0.00	0%
b. Local Contribution (All cash/loan/bond proceeds/non-federal grant sources excluding FIF)	\$63,750.00	25%
c. In-Kind Contribution (estimated value)	\$0.00	0%
d. TWDB FIF Grant	\$191,250.00	75%
e. TWDB FIF Loan Applicants with a loan component MUST FILL OUT the loan component questions below	\$0.00	0%
TOTAL PROJECT COST (equals a+b+c+d+e)	\$255,000.00	100%
Attach a budget and explanation of funds if needed	<input type="checkbox"/> Attached <input checked="" type="checkbox"/> NA	

DESCRIPTION OF PROPOSED PROJECT – LIMIT PROJECT NEED AND DESCRIPTION TO ONE PAGE

Project Need: Description of Project Need:

Hunt County has been experiencing rapid development over the past decade. This significant growth is expected to continue for years to come and needs to be managed through effective planning. In addition, Hunt County has several known areas of flooding that do not have any known hydrologic and hydraulic modeling (H&H) available to the level of detail needed to determine drainage infrastructure needs. As a result, Hunt County is proposing the creation of their first ever Countywide Drainage Study (CDS). The CDS will provide considerable benefit to County Staff, partnering communities, developers, and citizens by serving as a planning tool to define flood hazard risks to private properties and public infrastructure.

The risk of flooding for Hunt County is widespread. A total of 24 critical known areas of recurrent flooding were identified by County staff. A majority of these known flooding issues impact critical road infrastructure such as Hwy 380, I-30, and TX-24 and frequently impede travel across the county. These frequent road closures and detours affect the operations of several critical facilities across the county, including a petroleum distillery and a wastewater treatment plant. Furthermore, a preliminary assessment of potential structural flooding within Hunt County showed that approximately 1,494 structures are within the FEMA 100-yr floodplain. Finally, the Wolfe City Reservoir is a known high hazard dam in the northern portion of Hunt County that needs to be evaluated and addressed. The dam was built nearly 70 years ago and has been classified as a high hazard dam in danger of breaching.

Project Description: Description of Project, including a bulleted list of project elements/components, flood risk evaluation and alternatives considered (including existing facilities):

The CDS will include screening level and targeted H&H modeling for all HUC-10 watersheds within the County. The overall work product will be a series of H&H models and technical reports used to develop a common capital improvement plan (CIP) for the study area. The CDS is anticipated to occur in four main technical phases intertwined with extensive public outreach efforts throughout the project to maintain community engagement:

1. Collect the best and most recent available data in the study area, including but not limited to: LiDAR, topographic maps, zoning maps, storm drain system mapping, roadway, future land use, and aerial imagery, as well as previous studies and H&H models from partnering entities.
2. Perform a screening assessment of the entire study area to determine the critical flood hazard areas that require detailed study. The screening assessment will be done using a county wide two-dimensional "rain-on-mesh" model to perform high-level planning and analysis, coupled with local knowledge from our partnering entities to provide a full picture of flood prone areas.
3. Perform targeted H&H analysis to define existing conditions for each of the critical flood hazard areas.
4. Develop CIP project alternatives to address flooding concerns. Score and rank resulting CIP projects in collaboration with partnering entities. Identify likely funding sources.

Additionally, a dam assessment will be performed to address the deteriorating condition of the Wolfe City Reservoir. The dam assessment will include:

- Physical inspection,
- Hydrologic capacity evaluation, and
- Creation of conceptual level alternatives to improve the hydrologic capacity of the dam. These alternatives will be evaluated with other CIP projects previously described to determine their relative prioritization.

FLOOD INFRASTRUCTURE FUND QUESTIONS

Category 1: Flood Protection Planning for Watersheds

Projects must conduct planning of entire watersheds no smaller than Hydrologic Unit Code 10-digit (HUC-10) to better inform the development of strategies using structural and nonstructural measures before a flood event, such as 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.

All activities under this category must be considered "flood control planning" as defined in Texas Water Code Section 15.405. It does not include the actual preparation of a Federal Emergency Management Agency Flood Insurance Rate Map.

Questions to meet Flood Intended Use Plan and/or Statutory Requirements:

1. **Attach a map showing project location and delineation of project watershed, conforming to 31 TAC §363.408(b)(4). Attached as Attachment E, Exhibit 1**
2. **Project Area and Component Map.** Attach a GIS map at the appropriate scale to show the project location, proposed project area, watersheds including HUC boundaries, and all major project components. Add a GIS shapefile of the project area boundary.
 Attached **NA** Attached as Attachment E, Exhibit 2
3. **Has the applicant fulfilled Notice Requirements for Category 1 Projects as outlined in the Flood Intended Use Plan? Attached as Attachment A**
 Yes, Attach Documentation, including
 - i. one copy of the notice sent to affected political subdivisions,
 - ii. a list of the political subdivisions to which notice was sent, and
 - iii. the date on which the notice was sent. **No**
4. **Has the applicant acted cooperatively with other political subdivisions to address flood control needs in the area?**
 Yes, Attach Documentation (Flood Application Affidavit TWDB-0171) Attachment C
 No
5. **Have all political subdivisions been notified of the proposed study, were provided adequate notice, and will have ample opportunity to participate in the study? Providing adequate notice and ample opportunity to any such eligible political subdivision that elects not to participate further would fulfill this requirement, provided evidence of notification is included in the application.**
 Yes, Attach Documentation (Flood Application Affidavit TWDB-0171 or evidence of adequate notification) Attachment A (documentation), Attachment C (affidavit)
 No
6. **Will in-kind services be substituted for any part of the local share? [Note: In-kind services may be substituted for any part of the local share, if such services are directly in support of the planning effort, are fully explained and documented in the complete application, and approved as part of the TWDB commitment.]**
 Yes, Attach Documentation with full explanation of applicant's in-kind contribution including a description of in-kind services to be provided
 No

Other Pertinent Attachments: (Questions 7-13, see Attachment B)

7. Detailed description of the degree to which proposed planning duplicates previous or ongoing flood plans.
8. Detailed description of project service area including
 - a. identification of the watershed (USGS HUC-10 or larger) or watersheds to be studied for this project,
 - b. a map of identified watershed or watersheds showing major hydrologic features and political subdivision boundaries as applicable,
 - c. historical flooding and flood damages,
 - d. existing or potential flood hazards this project intends to address, including how the proposed planning will address those hazards, and
 - e. identification of which eligible entities do or do not participate in the National Flood Insurance Program.
9. Description of areas identified for flood risk evaluation, including hydrologic and hydraulic modeling, mapping, and proposed method of evaluation.
10. Detailed description of the proposed method for estimating the benefits and costs of potential solutions to identified flooding problems.
11. Detailed scope of work for the proposed flood protection planning project including
 - a. project organization,
 - b. a description of how flood protection needs of the entire watershed will be considered,
 - c. identification of tasks,
 - d. a task budget*,
 - e. a time schedule for completing tasks,
 - f. an expense budget by category*, and
 - g. potential benefits of the project.

*see attached example task and expense budgets.
12. Detailed description of why state funding assistance is needed.
13. Applicants Consultants. Please attach copies of all draft and/or executed contracts for consultant services to be used by the applicant. If there are any significant scope components that the applicant will be handling in-house, please attach a brief description of those services.
14. Legal Documents: Attachment C
 - a. Resolution. Attach the resolution from the governing body requesting financial assistance. (TWDB-0201A)
 Attached
 - b. Application Affidavit. Attach the Application Affidavit. (TWDB-0201)
 Attached
 - c. Certificate of Secretary. Attach the Certificate of Secretary. (TWDB -0201B)
 Attached

TASK AND EXPENSE BUDGETS

TASK BUDGET

TASK	DESCRIPTION	AMOUNT
1	PROJECT MANAGEMENT	\$12,135
2	COORDINATION AND COLLABORATION WORK SESSIONS	\$7,359
3	DATA COLLECTION	\$8,594
4	SCREENING ASSESSMENT	\$55,282
5	TARGETED H&H MODELING AND ALTERNATIVES ANALYSIS	\$86,646
6	DAM ASSESSMENT - WOLFE CITY RESERVOIR	\$35,877
7	COUNTYWIDE DRAINAGE STUDY (CDS) - TECHNICAL REPORT	\$21,907
8	PUBLIC OUTREACH	\$27,190
TOTAL		\$255,000

EXPENSE BUDGET

CATEGORY	AMOUNT
Salaries & Wages ¹	\$0
Fringe ²	\$0
Travel ³	\$0
Subcontract Services	\$255,000
Other Expenses ⁴	\$0
Overhead ⁵	\$0
Profit	\$0
TOTAL	\$255,000

¹ Salaries and Wages is defined as the cost of salaries of engineers, draftsmen, stenographers, surveyors, clerks, laborers, etc., for time directly chargeable to this contract.

² Fringe is defined as the cost of social security contributions, unemployment, excise, and payroll taxes, workers' compensation insurance, retirement benefits, medical and insurance benefits, sick leave, vacation, and holiday pay applicable thereto.

³ Travel is limited to the maximum amounts authorized for state employees by the General Appropriations Act, Tex. Leg. Regular Session, 2011, Article IX, Part 5, as amended or superseded

⁴ Other Expenses is defined to include expendable supplies, communications, reproduction, and postage directly chargeable to this CONTRACT.

⁵Overhead is defined as the costs incurred in maintaining a place of business and performing professional services similar to those specified in this contract. These costs shall include the following:

- Indirect salaries, including that portion of the salary of principals and executives that is allocable to general supervision;
- Indirect salary fringe benefits;
- Accounting and legal services related to normal management and business operations; Travel costs incurred in the normal course of overall administration of the business; Equipment rental;
- Depreciation of furniture, fixtures, equipment, and vehicles;
- Dues, subscriptions, and fees associated with trade, business, technical, and professional organizations;
- Other insurance; Rent and utilities; and Repairs and maintenance of furniture, fixtures, and equipment

LOAN COMPONENT QUESTIONS – APPLICANTS NOT SEEKING FUNDING IN THE FORM OF A LOAN DO NOT NEED TO ANSWER THE QUESTIONS BELOW Not Applicable

Legal Information

1. **Pledge.** What type of pledge will be used to repay the proposed debt?
 Systems Revenue Taxes Combination of System Revenues & Taxes
 Contract Revenue Other (Explain)
2. **Proposed Debt Issue.** Provide the full legal name of the security for the proposed debt issue(s).
3. **Parity of Debt.** Is the applicant proposing to issue Certificates of Obligation or bonds on parity with outstanding obligations?
 Yes No
 If yes:
 - a. Please describe any reserve requirements and additional debt requirements: _____;
 - b. Attach the most recent resolution or ordinance authorizing the outstanding parity debt.
4. **Rate Covenants.** Describe any existing rate covenants.

Financial Information

5. **Utilities Provided.** Indicate the services the Applicant provides its customers. Check all that apply.
 Regional/Wholesale Water Services Retail Water Wastewater
 Storm water/Drainage None of these
6. **Current Average Residential Usage and Rate Information.**

<u>Service</u>	<u>Date of Last Rate Increase</u>	<u>Avg. Monthly Usage (Gal)</u>	<u>Avg. Monthly Bill (\$)</u>	<u>Avg. Monthly Increase Per Customer (\$) at Last Rate Increase</u>	<u>Projected Monthly Increase Necessary to Repay Loan (\$)</u>
Water			\$	\$	\$
Wastewater			\$	\$	\$
Drainage			\$	\$	\$

Comments: _____

7. **Authorized Rates/Fees/Charges Schedules.** Please attach a schedule of current water, wastewater, and/or storm/drainage rates or fees (whichever is applicable) and the proposed rates/fees needed to finance the project and ongoing maintenance and operation (include the tentative schedule for the necessary proposed rate/fee increase).
 Attached
8. **Collection Procedures.** Please describe the procedures for collecting customer’s monthly bills, including penalties for delinquent accounts and the standard procedures in place to remedy these accounts.

N/A

9. **Number of Connections.** Provide the number of active connections for each of the past FIVE years.

N/A

a. **WATER**

<u>Year</u>	<u>Number of Active Connections</u>

N/A - No water service provided by applicant

b. **WASTEWATER**

<u>Year</u>	<u>Number of Active Connections</u>

N/A - No wastewater service provided by applicant

10. **Customer Usage.** List the top TEN customers of the water/wastewater system by annual usage in gallons and percentage total use.

N/A

a. **WATER**

<u>Customer Name</u>	<u>Annual Usage (Gal)</u>	<u>Percent of Usage</u>
		%
		%
		%
		%
		%
		%
		%
		%
		%
		%

Comments: _____

N/A - No water service provided by applicant

b. WASTEWATER

<u>Customer Name</u>	<u>Annual Usage (Gal)</u>	<u>Percent of Usage</u>
		%
		%
		%
		%
		%
		%
		%
		%
		%
		%
		%
		%

Comments: _____

N/A - No wastewater service provided by applicant

11. **Customer Annual Revenue.** List the top TEN customers of the water and/or wastewater system by annual revenue with corresponding usage and percentage total use.

N/A

a. WATER

<u>Customer Name</u>	<u>Annual Usage (Gal)</u>	<u>Annual Revenue</u>	<u>Percent Total Water Revenue</u>
		\$	%
		\$	%
		\$	%
		\$	%
		\$	%
		\$	%
		\$	%
		\$	%
		\$	%
		\$	%
		\$	%

Comments: _____

N/A - No water service provided by applicant

b. WASTEWATER

<u>Customer Name</u>	<u>Annual Usage (Gal)</u>	<u>Annual Revenue</u>	<u>Percent Total Wastewater Revenue</u>
		\$	%
		\$	%
		\$	%
		\$	%
		\$	%
		\$	%
		\$	%
		\$	%
		\$	%
		\$	%
		\$	%

Comments: _____

N/A - No wastewater service provided by applicant

12. **Wholesale Contracts.** Provide a summary of the wholesale contracts with customers.

<u>Contract Type</u>	<u>Minimum Annual Amount</u>	<u>Usage Fee per 1,000 gallons</u>	<u>Annual Operations and Maintenance</u>	<u>Annual Capital Costs</u>	<u>Annual Debt Service</u>	<u>Other</u>	<u>Annual Use for the Most Current Fiscal Year End</u>	<u>Annual Revenue for the Most Current Fiscal Year End</u>
	\$	\$	\$	\$	\$	\$		\$
	\$	\$	\$	\$	\$	\$		\$
	\$	\$	\$	\$	\$	\$		\$
	\$	\$	\$	\$	\$	\$		\$
	\$	\$	\$	\$	\$	\$		\$

Comments: _____

N/A - No water service provided by applicant

13. **Tax Status.** Indicate the tax status of the proposed loan.

Tax-Exempt Taxable N/A

14. **Taxing Authority.** Does the applicant have taxing authority?

Yes No

15. **Maximum Tax Rate.** Provide the maximum tax rate permitted by law per \$100 of property value.

\$ _____ N/A

16. **Principal Employers.** Please list the TEN largest employers of the applicant's service area:

<u>Name</u>	<u>Number of Employees</u>

Comments (example: any anticipated changes to the tax base, employers etc.): _____

17. **Bond Ratings.** Provide any current bond ratings with date received and attach corresponding rating reports. If any are not applicable, enter "N/A".

	<u>Standard & Poor's</u>	<u>Date Received</u>	<u>Moody's</u>	<u>Date Received</u>	<u>Fitch</u>	<u>Date Received</u>
G.O. Revenue						

Attached

18. **Overlapping Debt and Tax Rate Table.** Attach the direct and overlapping debt and tax rate table.

Attached N/A

19. **Taxable Assessed Valuation.** Please provide the last FIVE years of data showing total taxable assessed valuation including net ad valorem taxes levies, corresponding tax rate (detailing debt service and general purposes), and tax collection rate.

<u>Fiscal Year Ending</u>	<u>Net Taxable Assessed Value (\$)</u>	<u>Tax Rate</u>	<u>Maintenance & Operating Rate</u>	<u>Interest & Sinking Rate</u>	<u>Tax Levy (\$)</u>	<u>Percentage Current Collections</u>	<u>Percentage Total Collections</u>
	\$				\$		
	\$				\$		
	\$				\$		
	\$				\$		
	\$				\$		

N/A

20. **Tax Assessed Values by Classification.** Please attach the last FIVE years of tax assessed values delineated by Classification (Residential, Commercial, and Industrial).

Attached No direct tax assessed N/A

21. **Taxpayer – Assessed Valuation.** Please provide the current top TEN taxpayers showing percentage of ownership to total assessed valuation. Explain anticipated impacts in the Comments blank, below. If any of these have changed in the past three years, please provide information on the changes to the top ten.

<u>Taxpayer Name</u>	<u>Assessed Value</u>	<u>Percent of Total</u>
	\$	%
	\$	%
	\$	%
	\$	%
	\$	%
	\$	%
	\$	%
	\$	%
	\$	%
	\$	%

Comments: _____

No direct tax assessed

22. **Sales Tax.** Does the applicant collect sales tax? If yes, provide the sales tax collection history for the past FIVE years.

Yes No

<u>Fiscal Year Ending</u>	<u>Total Collections</u>
20	\$
20	\$
20	\$
20	\$
20	\$

23. **Annual Audit and Management Letter.** Attach ONE copy of the preceding fiscal year's Annual Audit and management letter prepared and certified by a Certified Public Accountant or Firm of Accountants.

Attached

24. **Five-Year Comparative System Operating Statement.** Please attach:

- a five-year comparative statement including audited prior years, and
- unaudited year-to-date statement of the following: **Operating Statement (not condensed), Balance Sheet, Statement of Cash Flows**

25. **Proforma / Loan Amortization Schedule.** Please select one of the repayment methods from the options below. The proforma should indicate all the information listed under the selection for all years that the debt will be outstanding. Please be sure the proforma reflects the requested debt structure, including multi-phased funding options.

System Revenues (Attached)

- Projected Gross Revenues
- Operating and Maintenance Expenditures
- Outstanding and Proposed Debt Service Requirements
- Net Revenues Available for Debt Service and Coverage of Current and Proposed Debt Paid from Revenues

Taxes (Attached)

- Outstanding and Proposed Debt Service Requirements
- Tax Rate Necessary to Repay Current and Proposed Debt Paid from Taxes
- List the Assumed Collection Rate and Tax Base Used to Prepare the Schedule

Combination of System Revenues and Taxes (Attached)

- Projected Gross Revenues
- Operating and Maintenance Expenditures
- Net Revenues available for debt service
- Outstanding and Proposed Debt Service Requirements
- Tax Rate Necessary to Repay Current and Proposed Debt Paid from Taxes
- List the Assumed Collection Rate and Tax Base Used to Prepare the Schedule

Contract Revenues (Attached)

- Participant's Projected Gross Revenues
- Participant's Operating and Maintenance Expenditures
- Outstanding and Proposed Debt Service Requirements
- Net Revenues Available for Debt Service and Coverage of Current and Proposed Debt Paid from Revenues

Other (Attached)

- Projected Gross Revenues
- Annual Expenditures
- Outstanding and Proposed Debt Service Requirements
- Revenues Available for Debt Service

26. **Outstanding Debt.** Does the applicant have any outstanding debt? Check all that apply and attach a list of total outstanding debt and identify the debt holder. Segregate by type (General Obligation or Revenue) and present a consolidated schedule for each, showing total annual requirements. Note any authorized but unissued debt.

- General Obligation Debt (Attached)**
- Revenue (Attached)**
- Authorized but Unissued Debt (Attached)**
- Other Debt**
- None**

27. **Repayment Issues.** Disclose all issues that may affect the project or the applicant's ability to issue and/or repay debt (such as anticipated lawsuits, judgements, bankruptcies, major customer closings. etc.).

28. **Default Debt.** Has the applicant ever defaulted on any debt? If yes, disclose all circumstances surrounding prior default(s).

Yes No

If yes, explain: _____

ATTACHMENT CHECKLIST

- | ✓ | N/A | <u>Attachment Description</u> |
|-------------------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Maps - Project Area Boundary GIS Shapefile or Feature Class |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Notice Requirements |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Flood Application Affidavit (TWDB-0171) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Evidence of Adequate Notification |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Detailed description of the degree to which proposed planning duplicates previous or ongoing flood plans |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Detailed description of project service area |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Benefit-Cost Ratio required information |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Detailed scope of work |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Description of why state funding assistance is needed |

✓ N/A Loan Component Attachment Description

The most recent resolution or ordinance authorizing outstanding parity debt

Rate Schedule

Bond Ratings

Overlapping Debt and Tax Rate Table

Tax Assessed Values by Classification

Annual Audit & Management Letter

Five Year Comparative Operating Statement

Proforma/Amortization Schedule

Outstanding Debt Schedule

**Attachment A | Notice Requirement Documentation
and Participating Entities**

Flood Infrastructure Question #3. List of Political Subdivisions to which Notice was sent.

Political Subdivision	Additional Information	Contact	Address	Date Sent (via Certified mail)
County/Cities/Townships				
City of Caddo Mills		Paul Miller	2313 Main St. Caddo Mills, TX 75135	10/19/2020
City of Campbell		The Honorable Carter Ketchum	506 W. Main St. Campbell, TX 75422	10/19/2020
City of Celeste		The Honorable Larry Godwin	201 N. Hwy. 69 Celeste, TX 75423	10/19/2020
City of Commerce		Ned Muse	1119 Alamo St. Commerce, TX 75428	10/19/2020
City of Greenville		Brett Jameson	2315 Johnson St. Greenville, TX 75401	10/19/2020
City of Hawk Cove		The Honorable Brian Prock	1585 Maria St. Quinlan, TX 75474-3321	10/19/2020
City of Lone Oak		The Honorable Doug Williams	115 Town Sq. Lone Oak, TX 75453	10/19/2020
Town of Neylandville		The Honorable Kathy Wilson	2469 CR 4311 Greenville, TX 75401-1459	10/19/2020
City of Quinlan		Bobby Clay	105 W. Main St. Quinlan, TX 75474	10/19/2020
Royse City		Dario Lopez	305 N. Arch St. Royse City, Texas 75189	10/19/2020
City of Union Valley		The Honorable Craig Waskow	7967 FM 1565 Union Valley, TX 75189-4873	10/19/2020
City of West Tawakoni		Cody Ramsey	1533 E. Hwy. 276 West Tawakoni, TX 75074-7007	10/19/2020
Wolfe City		The Honorable Sharion Scott	101 W. Main St. Wolfe City, TX 75496	10/19/2020
Non-Profit Water Supply Corporations				
B H P WSC	Water CCN Service Areas: 10064		PO Box 370 Royse City, TX 75189	10/19/2020
WEST LEONARD WSC	Water CCN Service Areas: 10157		4418 FM 981 Leonard, TX 75452	10/19/2020
FROGNOT WSC	Water CCN Service Areas: 10164		408 W. FM 545 Ste. 3 Blue Ridge, TX 75424	10/19/2020
CADDO BASIN SUD	Water CCN Service Areas: 10165		156 CR 1118 Greenville, TX 75401	10/19/2020
CITY OF LEONARD	Water CCN Service Areas: 10171		111 W. Collin St. Leonard, TX 75452	10/19/2020
ARLEDGE RIDGE WSC	Water CCN Service Areas: 10175		PO Box 233 Bailey, TX 75413	10/19/2020
CITY OF CUMBY	Water CCN Service Areas: 10496	Kelsie Thomas	PO Box 349 Cumby, TX 75433	10/19/2020
HICKORY CREEK SUD	Water CCN Service Areas: 10809		101 N. 1st St. Celeste, TX 75423	10/19/2020
CAMPBELL WSC	Water CCN Service Areas: 10810		117 W. Main St. Campbell, TX 75422	10/19/2020
POETRY WSC	Water CCN Service Areas: 10815		16970 FM 986 Terrell, TX 75160	10/19/2020
ABLE SPRINGS WSC	Water CCN Service Areas: 10819		30100 FM 429 Terrell, TX 75161	10/19/2020
CASH SUD	Water CCN Service Areas: 10824		172 FM 1564 Greenville, TX 75402	10/19/2020
CITY OF COMMERCE	Water CCN Service Areas: 10826	Ned Muse	1119 Alamo St. Commerce, TX 75428	10/19/2020
CITY OF GREENVILLE	Water CCN Service Areas: 10836	Brett Jameson	2315 Johnson St. Greenville, TX 75401	10/19/2020

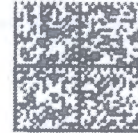
Political Subdivision	Additional Information	Contact	Address	Date Sent (via Certified mail)
Non-Profit Water Supply Corporations				
CITY OF WOLFE CITY	Water CCN Service Areas: 10853	The Honorable Sharion Scott	101 W. Main St. Wolfe City, TX 75496	10/19/2020
COMBINED CONSUMERS SUD	Water CCN Service Areas: 10855		10446 FM 751 Quinlan, TX 75474	10/19/2020
CITY OF QUINLAN	Water CCN Service Areas: 10925	Bobby Clay	105 W. Main St. Quinlan, TX 75474	10/19/2020
CITY OF WEST TAWAKONI	Water CCN Service Areas: 10968	Cody Ramsey	1533 E. Hwy. 276 West Tawakoni, TX 75074-7007	10/19/2020
NORTH HUNT SUD	Water CCN Service Areas: 11206		201 Kings Plz. Unit B Commerce, TX 75428	10/19/2020
CITY OF CADDO MILLS	Water CCN Service Areas: 11207	Paul Miller	2313 Main St. Caddo Mills, TX 75135	10/19/2020
WEST DELTA WSC	Water CCN Service Areas: 11236		196 FM 1531 Klondike, TX 75448	10/19/2020
MILLER GROVE WSC	Water CCN Service Areas: 11279		14966 FM 1567 W. Cumby, TX 75433	10/19/2020
JACOBIA WSC	Water CCN Service Areas: 11417		PO Box 411 Greenville, TX 75403	10/19/2020
SHADY GROVE SUD	Water CCN Service Areas: 11661		3516 FM 499 Greenville, TX 75401	10/19/2020
WHISPERING OAKS WATER COOP	Water CCN Service Areas: 11680		PO Box 113 Quinlan, TX 75474	10/19/2020
NEVADA WSC	Water CCN Service Areas: 12175		108 Warren St. Nevada, TX 75173	10/19/2020
CITY OF JOSEPHINE	Water CCN Service Areas: 12307	The Honorable Joe Holt	PO Box 99 Josephine, TX 75164	10/19/2020
SOUTHWEST FANNIN COUNTY SUD	Water CCN Service Areas: 12406		8046 W. TX-56 Savoy, TX 75479	10/19/2020
CADDO MESA WSC	Water CCN Service Areas: 12440		PO Box 614 Quinlan, TX 75474	10/19/2020
CITY OF ROYSE CITY	Water CCN Service Areas: 12827	Dario Lopez	305 N. Arch St. Royse City, TX 75189	10/19/2020
CITY OF FATE	Water CCN Service Areas: 12889	Scott Monaghan	1900 CD Boren Pkwy. Fate, TX 75087	10/19/2020
CITY OF LADONIA	Water CCN Service Areas: 13197	Billy Rhodes	100 Center Plz. Ladonia, TX 75449	10/19/2020
AQUA TEXAS INC	Water CCN Service Areas: 13201		12501 Morris Dido Newark Rd. Fort Worth, TX 76179	10/19/2020
CITY OF EAST TAWAKONI	Water CCN Service Areas: 13228	Adella Atherton	288 Briggs Blvd. East Tawakoni, TX 75472	10/19/2020
Regional Water Planning Groups				
Region D	Ward Timber	Jim Thompson	1101 US 59 Linden, TX 75563	10/19/2020
Regional Planning Agencies				
North Central Texas Council of Governments		Edith Marvin	Centerpoint III - 600 Six Flags Dr. Arlington, TX 76011	10/19/2020

CERTIFIED MAIL™

Brian Toole
Director of County Development
2507 Lee St. Room 107
Greenville, Texas 75401



7006 2760 0001 8890 4741



U.S. POSTAGE PITNEY BOWES



ZIP 76109 \$ 004.05⁰
02 4W
0000368466 OCT 19 2020

Darió Lopez
Director of Public Works
Royse City
PO Box 638
305 N. Arch Street
Royse City, Texas 75189

CERTIFIED MAIL

Brian Toole
Director of County Development
2507 Lee St. Room 107
Greenville, Texas 75401



7015 1660 0000 3094 2954



U.S. POSTAGE PITNEY BOWES



ZIP 76109 \$ 004.05⁰
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0000368466 OCT 19 2020

JACOBIA WSC
PO BOX 411
GREENVILLE TX 75403



HUNT COUNTY DEVELOPMENT

HUNT COUNTY COURTHOUSE

2507 LEE ST., ROOM 107

GREENVILLE, TX 75401

903-408-4204

10/19/2020

Dario Lopez
Royse City
Director of Public Works
PO Box 638
305 N. Arch Street
Royse City, Texas 75189

Re: Notification of Application for Planning Assistance with TWDB – Flood Infrastructure Fund Category 1

Dear Dario Lopez:

Hunt County (County) is currently pursuing financial assistance from the newly created Texas Flood Infrastructure Fund (FIF) to develop a Countywide Drainage Study. The FIF is managed by the Texas Water Development Board (TWDB) and it was created to assist in the financing of drainage, flood mitigation and flood control projects. The proposed Drainage Study will serve as a planning tool to define flood hazard risks, evaluate improvement alternatives, and develop a county wide capital improvement plan.

The drainage study will be performed at a regional scale, providing benefits to multiple cities across the county and in surrounding areas. A majority of the county falls within four different HUC-10 watersheds. "Lake Tawakoni" (HUC# 1201000104), "Spring Creek-South Sulphur River" (HUC# 1114030101), "Town of Greenville-Cowleech Fork Sabine River" (HUC# 1201000101), and "West Caddo Creek" (HUC# 1201000102) cover approximately 73% of the county and will be a central focus of the study. These four HUC-10 watersheds will be studied in their entirety. However, Capital Improvement Projects (CIPs) will only be proposed within the County boundary.

As part of the TWDB application process, applicants should identify potential collaborating entities within the project watershed to meet the regional participation requirement for grant award. Therefore, I am writing to respectfully solicit the collaboration of the Royse City (City) in the planning process for this regional study.

We anticipate that the City could collaborate by providing readily available flood related data, historical flood damage information, and comments to the drainage study, and/or helping disseminate information to the general public. We want to highlight that the City will not be required to enter into any kind of financial commitment by expressing their intent to participate and collaborate in this study. If the City considers this a beneficial endeavor and is willing to participate, please fill out and sign the attached Participation Letter and send it to Mr. Brian Toole, Hunt County Director of County Development, via e-mail within **30 days** of the date on this letter.

Additionally, if the City wishes to voice any comments or concerns regarding this drainage study, any comments must be filed with the TWDB Executive Administrator and the applicant within **30 days** of the date on this letter. The relevant contact information is included below.

We look forward to working with you on this planning study to address regional flood control needs in our County. If you have any questions, please contact us at your convenience.

Sincerely,

DocuSigned by:

96D6C8D9F2D9443...

Applicant:
Brian Toole
Director of County Development
2507 Lee St. Room 107
Greenville, Texas 75401
btoole@huntcounty.net

TWDB Contact:
Tom Entsminger
Team Manager
Program Administration
1700 N. Congress Avenue
Austin, Texas 78701
FIF@twdb.texas.gov



City of Caddo Mills
P.O. Box 490
2313 Main St.
Caddo Mills, Texas 75135
Phone # 903-527-3116
Fax #903-527-4582

CITY OF CADDO MILLS

June 2, 2020

Bobby W. Stovall, Hunt County Judge
Hunt County Court House
2507 Lee Street
Greenville, TX
75403

Dear Judge Stovall,

I am writing to express the intent of the City of Caddo Mills to participate with Hunt County in the regional planning study proposed by the County pursuant to a Flood Infrastructure Fund Category 1 grant application.

We appreciate the opportunity to cooperate with you to address regional flood control needs in the County. Per our recent conversations with representative of the County, we anticipate that the City will participate in the planning process by providing relevant and readily available data, historical flood damage information, providing comments to the drainage study, and/or helping disseminate information to the general public.

We look forward to working with you on this planning study.

Sincerely,

Matt McMahan

City Manager
City of Caddo Mills
P.O. Box 490
Caddo Mills, TX
Office: 903-527-3116
Cell: 903-513-1516
Email: mattmcmahan11@outlook.com

.....



City Manager Summer Spurlock

June 3, 2020

Bobby W. Stovall, Hunt County Judge
Hunt County Court House
2507 Lee Street
Greenville, Texas 75403

Re: TWDB Flood Infrastructure Fund Phase I Application

Dear Judge Stovall:

I am writing to express the intent of the City of Greenville to participate with Hunt County in the regional planning study proposed by the County pursuant to a Flood Infrastructure Fund Category 1 grant application.

We appreciate the opportunity to cooperate with you to address regional flood control needs in the County. Per our recent conversations with representatives of the County, we anticipate that the City will participate in the planning process by providing relevant and readily available data, historical flood damage information, providing comments to the drainage study, and/or helping disseminate information to the general public.

We look forward to working with you on this planning study.

Sincerely,

Summer Spurlock
City Manager



The City of Quinlan, TX

P.O. Box 2740 | 105 W. Main St. | Quinlan, TX 75474 | ph (903) 356-3306 | fax (903) 356-4267

June 2, 2020

Bobby W. Stovall, Hunt County Judge
Hunt County Court House
2507 Lee Street
Greenville, Texas 75403

Re: TWDB Flood Infrastructure Fund Phase I Application

Dear Judge Stovall:

I am writing to express the City's interest in participating with Hunt County in the regional planning study proposed by the County pursuant to a Flood Infrastructure Fund Category 1 grant application.

We appreciate the opportunity to cooperate with you to address regional flood control needs in the County. Per our recent conversations with your office, we anticipate that the City will participate in the planning process by providing relevant and readily available data, historical flood damage information, providing comments to the drainage study, and/or helping disseminate information to the general public.

We look forward to working with you on this planning study.

Sincerely,

John C. Adel
City Administrator



City of Union Valley, Texas

7967 Farm Market 1565
Union Valley, Texas 75189-4873

Craig Waskow

Mayor

John Oznick

Commissioner Place 1

Theresa Curtis

Commissioner Place 2

Bobby W. Stovall, Hunt County Judge
Hunt County Court House
2507 Lee Street
Greenville, Texas 75403

June 11, 2020

Re: TWDB Flood Infrastructure Fund Phase I Application

Dear Judge Stovall:

I am writing to express the intent of the City of Union Valley to participate with Hunt County in the regional planning study proposed by the County pursuant to a Flood Infrastructure Fund Category 1 grant application.

We appreciate the opportunity to cooperate with you to address regional flood control needs in the County. Per our recent conversations with representative of the County, we anticipate that the City will participate in the planning process by providing relevant and readily available data, historical flood damage information, providing comments to the drainage study, and/or helping disseminate information to the general public.

We look forward to working with you on this planning study.

Sincerely,

A handwritten signature in cursive script that reads "Angela Smith".

Angela Smith

**City Secretary
City of Union Valley**

Attachment B | Other Pertinent Attachments

7. Detailed description of the degree to which proposed planning duplicates previous or ongoing flood plans.

This study will be the first ever countywide drainage study performed for Hunt County. Preliminary engineering was performed during preparation of the Abridged Application to determine the scope of the project and level of funding required. Previous studies and H&H model data will be collected from partnering entities while performing the work, though this information is expected to be limited.

8. Detailed description of project service area including
 - a. identification of the watershed (USGS HUC-10 or larger) or watersheds to be studied for this project,

- "Lake Tawakoni" (HUC# 1201000104)
- "Spring Creek-South Sulphur River" (HUC# 1114030101)
- "Town of Greenville-Cowleech Fork Sabine River" (HUC# 1201000101)
- "West Caddo Creek" (HUC# 1201000102)

These watersheds cover approximately 73% of the county and will be a central focus of the study. These four HUC-10 watersheds will be studied in their entirety. However, all watersheds within the county will be studied, including additionally:

- "Royse City-South Fork Sabine River" (HUC# 1201000103)
- "Lake Fork Creek-Case Lake" (HUC# 1201000301)
- "Indian Creek-Pilot Grove Creek" (HUC# 1203010601)
- "Middle Sulphur River-South Sulphur River" (HUC# 1114030102)

- b. a map of identified watershed or watersheds showing major hydrologic features and political subdivision boundaries as applicable,
Attached as Attachment E, Exhibits 1 and 2.

- c. historical flooding and flood damages,
There are no known FEMA disaster declarations in the past five (5) years for Hunt County. However, a preliminary assessment of potential structural flooding within Hunt County showed that approximately 1,494 structures are within the FEMA 100-yr floodplain. This assessment was performed in GIS by overlaying the FEMA 100-yr regulatory floodplain and Microsoft's nationwide building footprint data. Exhibit 3 of Attachment E depicts the areas throughout the County that are at a higher risk of structural inundation. The shading shown in Exhibit 3 reflects the relative concentration of potentially inundated structures. Additionally, a total of 24 critical known areas of recurrent flooding were identified by County staff and are presented as pins on Exhibit 3.

- d. existing or potential flood hazards this project intends to address, including how the proposed planning will address those hazards, and
Based on the results of an initial screening assessment of the project watersheds to determine critical flood hazard areas, the County and its consultant will select ten (10) critical areas for additional H&H analysis. This will include the development of up to two (2) concept level alternatives to resolve critical flood hazard areas. The alternatives may include but will not be limited to bridge, culvert, channel, or detention pond improvements.

Additionally, a hydrologic capacity analysis of the Wolfe City Reservoir dam will be performed to evaluate the dam's existing capacity and to determine whether the dam complies with TCEQ criteria for hydrologic adequacy. Four (4) concept level alternatives to improve the capacity of the dam will be developed.

Planning level cost opinions will be developed for each alternative. Alternatives will be scored and ranked using a pairwise ranking methodology developed by County staff and their consultants to develop a Capital Improvement Plan for the County drainage infrastructure. This analysis will also include identification of funding sources and financing strategies to adequately fund the necessary improvements.

- e. identification of which eligible entities do or do not participate in the National Flood Insurance Program.

Eligible Entity	NFIP Participation	CID
Caddo Mills, City of	Yes	480364#
Campbell, Town of	Yes	481504#
Celeste, City of	Yes	480365#
Commerce, City of	Yes	480366#
Greenville, City of	Yes	485473#
Hawk Cove, City of	No	N/A
Hunt, County of	Yes	480363#
Lone Oak, City of	No	N/A
Neylandville, Town of	Yes	480369#
Quinlan, City of	Yes	480370#
Royse City, City of	Yes	480548#
Union Valley, City of	Yes	480246#
West Tawakoni, City of	Yes	480371#
Wolfe City, City of	Yes	480372#

9. Description of areas identified for flood risk evaluation, including hydrologic and hydraulic modeling, mapping, and proposed method of evaluation.
The CDS will be performed at a regional scale, providing benefits to multiple cities across the county and in surrounding areas. Exhibit 1 of Attachment E shows the benefiting cities within the study area. All HUC-10 watersheds within the county will be studied as described in the section below:

- 1) Development of a county wide two-dimensional (2D) hydraulic model to perform high-level planning and analysis. The 2D hydraulic model will cover the entire Lake Tawakoni (HUC# 1201000104), Spring Creek-South Sulphur River (HUC# 1114030101), Town of Greenville-Cowleech Fork Sabine River (HUC# 1201000101), and West Caddo Creek (HUC# 1201000102) watersheds and portions of adjacent watersheds within the County area.
 - 2) Perform "Rain-on-Mesh" analysis to define overland flow paths and identify flooding areas within and outside of the floodplain. Flow hydrographs will be developed for standard design storms including the 2, 10, 50, and 100-year events (24-hr duration) for existing and ultimate 100-yr development conditions. Structures at risk of flooding and overtopped roadway crossings will be identified and tabulated for each design storm.
 - 3) Incorporate County Commissioners Court and County Staff institutional knowledge into hydraulic analysis to identify up to ten (10) critical flood hazard areas.
 - 4) Refine H&H analyses to achieve greater level of detail for critical flood areas identified.
10. Detailed description of the proposed method for estimating the benefits and costs of potential solutions to identified flooding problems.

Alternatives will be developed to address flooding concerns for multiple return events, including the 2, 10, 50 and 100-year storm events. Alternatives will be developed with the goal of minimizing flood risk considering economic constraints, with the realization that achieving a 100-yr level of protection may not be economically feasible for all locations. Planning level opinions of probable construction cost (OPCC) will be developed for each alternative in 2020 dollars.

The evaluation of alternatives will not adhere to a FEMA standard benefit cost evaluation. Rather, a ranking criteria and associated weights for the projects will be developed in conjunction with County Staff. These criteria will include an evaluation of total project cost, as well as an evaluation of the regional benefit provided by the CIP, the exact methodology of which will be determined as part of the study. Each project will be scored and ranked according to this system, following a pairwise ranking methodology to identify the highest-ranking flood protection projects.

11. Detailed scope of work for the proposed flood protection planning project including:

- a. project organization,

The proposed Countywide Drainage Study (CDS) will be a collaborative effort between Hunt County, the Project Engineer (Freese and Nichols, Inc), and several political subdivisions in the study area. The Cities of Caddo Mills, Greenville, Quinlan, and Union Valley have already expressed their intent to participate in this study (see Attachment A) and will provide historical flood damage information, comments to the CDS, and help disseminate information to the general public. Public outreach meetings will be conducted throughout the study, including the development of a project website.

Several collaboration work sessions will be performed with pertinent County Staff. For example, a strategy workshop will be conducted with County operations,

maintenance and engineering personnel to gain an understanding of the drainage system characteristics and to identify potential data sources. A data gathering effort will follow these meetings to obtain GIS data, existing plans and studies, existing hydrologic and hydraulic models, among others. A 2-day site visit will also be performed with County Staff to identify known areas of high flood risk.

A screening assessment will then be performed for the entire County to identify flooding areas within and outside of the floodplain. County Staff institutional knowledge will be incorporated into the analysis to identify critical flood hazard areas. A targeted hydraulic analysis will follow to define solution alternatives for critical flood areas. The resulting Capital Improvement Project (CIP) list will be prioritized based on ranking criteria that will reflect the objectives and priorities of the County. It is envisioned that the results and CIP projects identified in this study will lead to future Category 2 FIF applications.

- b. a description of how flood protection needs of the entire watershed will be considered, A screening assessment will be performed for the entire County to identify flooding areas within and outside of the floodplain. County Staff institutional knowledge will be incorporated into the analysis to identify critical flood hazard areas. A targeted hydraulic analysis will follow to define solution alternatives for critical flood areas. The resulting Capital Improvement Project (CIP) list will be prioritized based on ranking criteria that will reflect the flood protection needs of the entire County, inclusive of its individual watersheds.
- c. identification of tasks,
See Attachment D.
- d. a task budget*,
See "Task and Expense Budgets," Page 7.
- e. a time schedule for completing tasks,

TASK	DESCRIPTION	SCHEDULE
1	PROJECT MANAGEMENT	8 months (concurrent w/subsequent tasks)
2	COORDINATION AND COLLABORATION WORK SESSIONS	8 months (concurrent w/subsequent tasks)
3	DATA COLLECTION	2 months
4	SCREENING ASSESSMENT	2 months
5	TARGETED H&H MODELING AND ALTERNATIVES ANALYSIS	3 months (concurrent w/Task 6)
6	DAM ASSESSMENT – WOLFE CITY RESERVOIR	3 months (concurrent w/Task 5)
7	CDS TECHNICAL REPORT	1 month
8	PUBLIC OUTREACH	8 months (concurrent w/subsequent tasks)
TOTAL		8 MONTHS

- f. an expense budget by category*, and
See "Task and Expense Budgets," Page 7.

- g. potential benefits of the project.
Benefits of the project include most notably:
 - A prioritized schedule of CIP projects to address flooding concerns within the County ;
 - Enhanced understanding of flood risk by decision makers and in the community through public outreach and communication;
 - Advancement of regional collaboration and teaming relationships among partnering entities;
 - Development of a centralized inventory of flood information for the County, to be used in the state flood planning process and future CIP planning; and,
 - Establishment of a working relationship with TWDB for future flood planning efforts.

*see attached example task and expense budgets.

12. Detailed description of why state funding assistance is needed.
The state flood planning initiative has highlighted the benefits of engaging in comprehensive and collaborative flood planning and mitigation with our partnering entities. In putting together this project proposal, the County seeks to develop a flood planning strategy that will capitalize on the efficiencies and cost-savings of compiling shared resources and institutional knowledge with our partners at a large scale. However, the estimated cost of this initiative exceeds current budgets. Currently, the County does not have a dedicated funding source for stormwater CIP. The funding for stormwater projects comes from the general fund.

13. Applicants Consultants. Please attach copies of all draft and/or executed contracts for consultant services to be used by the applicant. If there are any significant scope components that the applicant will be handling in-house, please attach a brief description of those services.
Included as Attachment D.

Attachment C | Legal Documents



HUNT COUNTY DEVELOPMENT

HUNT COUNTY COURTHOUSE

2507 LEE ST., ROOM 107

GREENVILLE, TX 75401

903-408-4204

To whom it may concern:

This letter is to indicate that a resolution from the Hunt County Commissioners Court requesting financial assistance from the Texas Water Development Board (TWDB) for the Countywide Drainage Study (CDS) for Hunt County, Texas is scheduled for adoption by the Commissioners Court at the regularly scheduled meeting on October 27, 2020.

As required by the application form, a copy of the draft resolution (TWDB-0201A), the Application Affidavit (TWDB-0201), and Certificate of Secretary (TWDB-0201B) have been included. As soon as practicable, the executed documents will be delivered under separate cover and e-mailed to the contact listed below:

Texas Water Development Board
Attn: Tom Entsminger
Team Manager – Program Administration
1700 N. Congress Ave.
Austin, Texas 78701
FIF@twdb.texas.gov

Thank you for your attention to this application. I can be reached for questions regarding this application through the contact information included below.

Sincerely,

Brian Toole

Director of Community Development

Hunt County, Texas

P: 903-408-4204

E: btoole@huntcounty.net

RESOLUTION NO.

APPLICATION FILING AND AUTHORIZED REPRESENTATIVE RESOLUTION

A RESOLUTION BY THE COMMISSIONERS COURT OF THE COUNTY OF HUNT, TEXAS REQUESTING FINANCIAL ASSISTANCE FROM THE TEXAS WATER DEVELOPMENT BOARD; AUTHORIZING THE FILING OF AN APPLICATION FOR ASSISTANCE; AND MAKING CERTAIN FINDINGS IN CONNECTION THEREWITH.

BE IT RESOLVED BY THE COMMISSIONERS COURT OF THE COUNTY OF HUNT, TEXAS:

SECTION 1.

That an application is hereby approved and authorized to be filed with the Texas Water Development Board seeking financial assistance in an amount not to exceed \$255,000.00 to provide for the costs of the Countywide Drainage Study.

SECTION 2.

That Brian Toole, Director of County Development, be and is hereby designated the authorized representative of the County of Hunt for purposes of furnishing such information and executing such documents as may be required in connection with the preparation and filing of such application for financial assistance and the rules of the Texas Water Development Board.

SECTION 3.

That the following firms and individuals are hereby authorized and directed to aid and assist in the preparation and submission of such application and appear on behalf of and represent the County of Hunt before any hearing held by the Texas Water Development Board on such application, to wit:

Engineer – Freese and Nichols Inc.

PASSED AND APPROVED this ____ day of _____, 2020.

Application Resolution - Certificate of Secretary

THE STATE OF TEXAS §
COUNTY OF Hunt §
APPLICANT Hunt County §

I, the undersigned, Secretary of the County of Hunt Texas,
DO HEREBY CERTIFY as follows:

1. That on the _____ day of _____, 20____, a regular/special meeting of the
Hunt County Commissioners Court was held; the duly constituted members of the
Hunt County Commissioners Court being as follows:

Eric Evans, Randy Strait, Phillip Martin, Steven Harrison

all of whom were present at the meeting, except the following:

Among other business considered at the meeting, the attached resolution entitled:

"A RESOLUTION by the Commissioners Court of the County of Hunt requesting
financial participation from the Texas Water Development Board; authorizing the filing of an application
for financial participation; and making certain findings in connection therewith."

was introduced and submitted to the Hunt County Commissioners Court for passage and adoption. After
presentation and consideration of the resolution, and upon a motion made by _____ and
seconded by _____, the resolution was passed and adopted by the
_____ by the following vote:

_____ voted "For" _____ voted "Against" _____ abstained

all as shown in the official minutes of the Hunt County Commissioners Court for this meeting.

2. That the attached resolution is a true and correct copy of the original on file in the official records
of the County of Hunt; the qualified and acting members of the Hunt County Commissioners Court on
the date of this meeting are those persons shown above and, according to the records of my office, advance notice of
the time, place, and purpose of meeting was given to each member of the Hunt County Commissioners Court; and that the
meeting, and the deliberations of the public business described above, was open to the public and written notice of
the meeting, including the subject of the resolution described above, was posted and given in advance of the meeting
in compliance with the provisions of Chapter 551 of the Texas Government Code.

IN WITNESS WHEREOF, I have signed my name and affixed the seal of
the _____, this the _____ day of _____, 20____.

Secretary

(SEAL)

Attachment D | Applicants Consultants



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www.freese.com

October 19, 2020

Brian Toole
Director of County Development
Hunt County, Texas
2507 Lee St., Rm. 107
Greenville, TX 75401

Re: Proposal for Professional Engineering Services – Countywide Drainage Study

Dear Mr. Toole:

Freese and Nichols, Inc. is pleased to present this proposal for the first Countywide Drainage Study (CDS) for Hunt County, Texas. Please find the draft scope of services attached. We propose to complete this project for a lump sum fee of two-hundred fifty-five thousand dollars (\$255,000).

Thank you for the opportunity to assist the County on this very important project. If you have any questions, please call me at (817) 735-7378. We will be pleased to discuss this proposal with you and are willing to structure the contract as needed to best meet the needs and goals of the County.

Sincerely,

Freese and Nichols, Inc.

A handwritten signature in black ink, appearing to read 'S. Hubley'.

Scott Hubley, P.E., CFM
Principal and Vice President

SCOPE OF WORK

Countywide Drainage Study

Hunt County, Texas

PROJECT UNDERSTANDING: Hunt County (County) has been experiencing rapid development over the past decade. This significant growth is expected to continue for years to come, prompting County officials to develop plans and establish policies that will help them manage and minimize flooding risks. In a collaborative effort with the Cities of Hunt County including Greenville, Caddo Mills, and Commerce, the County is pursuing financial assistance from the newly created Texas Flood Infrastructure Fund (FIF) to develop a Countywide Drainage Study. The FIF is managed by the Texas Water Development Board (TWDB) and it was created to assist in the financing of drainage, flood mitigation and flood control projects. The Countywide Drainage Study (CDS) will include the development of hydrologic and hydraulic models that will serve as planning tools to define flood hazard risks for private properties and public infrastructure. The models will also provide a platform for developing and evaluating improvement alternatives. In addition, the study will include a dam assessment for the Wolfe City reservoir.

COUNTYWIDE DRAINAGE STUDY (CDS)

BASIC SERVICES

Task 1: Project Management

- 1) General project management and communications with the County Commissioners Court and County Staff. Facilitate communication between County Staff and partner entities to obtain relevant data and coordinate public outreach efforts.
- 2) Project kickoff meeting with County Judge, Commissioners, pertinent County Staff and partner entities staff.
- 3) Up to three (3) bi-monthly update meetings – To be conducted via conference call or in person as needed. Duration not to exceed 1-hour per meeting.
- 4) Monthly status reports.

Task 2: Coordination and Collaboration Work Sessions

- 1) Conduct an initial work session meeting with the Commissioners Court and pertinent County staff to discuss and establish the overall vision and goals of the CDS.
- 2) Prepare draft memo summarizing CDS vision and goals. A final memo will be prepared addressing comments and feedback from stakeholders.
- 3) Conduct a strategy workshop with County operations, maintenance and engineering personnel to gain an understanding of the drainage system characteristics and to identify potential data sources.
- 4) Prepare meeting materials and meeting minutes following each work session.

Task 3: Data Collection

- 1) GIS data: topographic maps, LiDAR, zoning maps, storm drain system mapping, roadways, property lines, buildings, future land use maps, aerial imagery.
- 2) Previous plans and studies from partnering cities and other related authorities.
- 3) Existing hydrologic and hydraulic models.
- 4) Master Hunt County Thoroughfare Plan.
- 5) Conduct a 2-day field visit with County Staff to identify known flood and erosion problems and

other areas of concern such as roadway overtopping.

- 6) System inventory of streams and County roadways.

Task 4. Screening Assessment

- 1) Development of a county wide two-dimensional (2D) hydraulic model to perform high-level planning and analysis. The 2D hydraulic model will cover the entire Lake Tawakoni (HUC# 1201000104), Spring Creek-South Sulphur River (HUC# 1114030101), Town of Greenville-Cowleech Fork Sabine River (HUC# 1201000101), and West Caddo Creek (HUC# 1201000102) watersheds and portions of adjacent watersheds within the County area.
- 2) Perform "Rain-on-Mesh" analysis to define overland flow paths and identify flooding areas within and outside of the floodplain. Flow hydrographs will be developed for standard design storms including the 2, 10, 50, and 100-year events (24-hr duration) for existing and ultimate 100-yr development conditions. Structures at risk of flooding and overtopped roadway crossings will be identified and tabulated for each design storm.
- 3) Incorporate County Commissioners Court and County Staff institutional knowledge into hydraulic analysis to identify up to ten (10) critical flood hazard areas.

Task 5. Targeted Hydrologic and Hydraulic Modeling and Alternatives Analysis

- 1) Refine hydrologic and hydraulic analyses to achieve greater level of detail for critical flood areas identified in Task 5.
- 2) Develop up to two (2) conceptual level alternatives to resolve critical flood hazard areas. The alternatives may include but will not be limited to bridge, culvert, channel, or detention pond improvements. Alternatives will be evaluated using HEC-RAS and/or HEC-HMS. Detailed urban/residential flood modeling requiring modeling tools other than HEC-RAS and/or HEC-HMS is beyond the scope the study.
- 3) Evaluate the alternatives for the 2, 10, 50 and 100-year storm events.
- 4) Develop corresponding exhibits depicting the concept and resulting reduction in flooding risks.
- 5) Develop alternatives with the goal of minimizing flood risk considering economic constraints. Achieving a 100-yr level of protection may not be economically feasible for all locations.
- 6) Prepare planning level opinion of probable construction cost (OPCC) for each alternative in 2020 dollars.
- 7) Develop a ranking criteria and associated weights for the storm water Capital Improvement Projects (CIP) in conjunction with County Staff.
- 8) Score and rank each project following a pairwise ranking methodology.
- 9) Identify funding sources and financing strategies to adequately fund the necessary improvements for high ranking projects.

Task 6. Dam Assessment – Wolfe City Reservoir

- 1) Perform a 1-day field visit with County Staff to perform a physical inspection and identify the current condition of the dam impoundment and outlet structures. The dam as-builts will be provided by the County or partnering entities.
- 2) Perform a hydrologic capacity analysis of the dam to evaluate the dam's existing capacity to determine whether the dam complies with TCEQ criteria for hydrologic adequacy.
- 3) Develop up to four (4) conceptual level alternatives to improve the hydrologic adequacy of the dam.

- 4) Prepare planning level opinion of probable construction cost (OPCC) for each alternative in 2020 dollars.

Task 7. Countywide Drainage Study (CDS) – Technical Report

- 1) Prepare CDS Draft Technical Report documenting the findings and recommendations of Tasks 1 through 6.
- 2) Draft report will be submitted in digital format (.pdf file) for County review. Up to one (1) round of revisions to the report will be performed after receiving County feedback. Final report will be submitted in digital format (.pdf file) and up to two (2) hard copies will be provided.

Task 8. Public Outreach

- 1) Develop a public website to describe the purpose and scope of the Countywide Drainage Study. The website will provide options to receive community feedback on the study and allow citizens to report additional known areas of flooding.
- 2) Hold up to three (3) public meetings with County staff to present the information developed throughout the study and obtain community feedback.

ADDITIONAL SERVICES: The following services are additional and shall not be included in the Scope of Services unless specifically approved by the COUNTY. FNI shall inform the COUNTY when a particular service falls into the "Additional Services" category. Compensation for Additional Services shall be on an hourly basis.

1. Topographic field survey.
2. Full design plans for the proposed alternatives.
3. Detailed urban/residential flood modeling beyond the limitations of HEC-RAS v5.0.7. Examples include: inlet calculations, curb and gutter capacity calculations, street conveyance calculations, closed storm drain pipe modeling, and sanitary sewer modeling.
4. Update or creation of floodway models.
5. Analysis of areas beyond those outlined in the Scope of Basic Services.
6. Analysis of additional alternatives beyond those indicated in the Scope of Basic Services.
7. Application for state or federal permitting or an environmental document for NEPA clearance.
8. LOMR, CLOMR or other FEMA coordination.
9. USACE 404 or other environmental permitting.
10. Making revisions to drawings or other report documents when such revisions are 1) not consistent with approvals or instructions previously given by CLIENT or 2) due to other causes not solely within the control of FNI.
11. Providing services to investigate existing conditions or facilities, or to make measured drawings thereof, or to verify the accuracy of drawings or other information furnished by CLIENT.
12. Meeting or trips in excess of the number of meetings included in in this Scope of Services for site visits, coordination meetings, or other activities.
13. Preparing applications and supporting documents for government grants, loans, or planning advances and providing data for detailed applications.
14. Preparing data and reports for assistance to CLIENT in preparation for hearings before regulatory agencies, courts, arbitration panels or any mediator, giving testimony, personally or by deposition, and preparations therefore before any regulatory agency, court, arbitration panel or mediator.

15. Design, contract modifications, studies or analysis required to comply with local, State, Federal or other regulatory agencies that become effective after the date of this agreement.
16. Providing basic or additional services on an accelerated time schedule. The scope of this service include cost for overtime wages of employees and consultants, inefficiencies in work sequence and plotting or reproduction costs directly attributable to an accelerated time schedule directed by the CLIENT.
17. Providing document revisions in excess of those outlined in this Scope of Services.

TIME OF COMPLETION: FNI is authorized to commence work on the Project upon execution of this AGREEMENT and agrees to complete the services within eight (8) months of receiving notice to proceed.

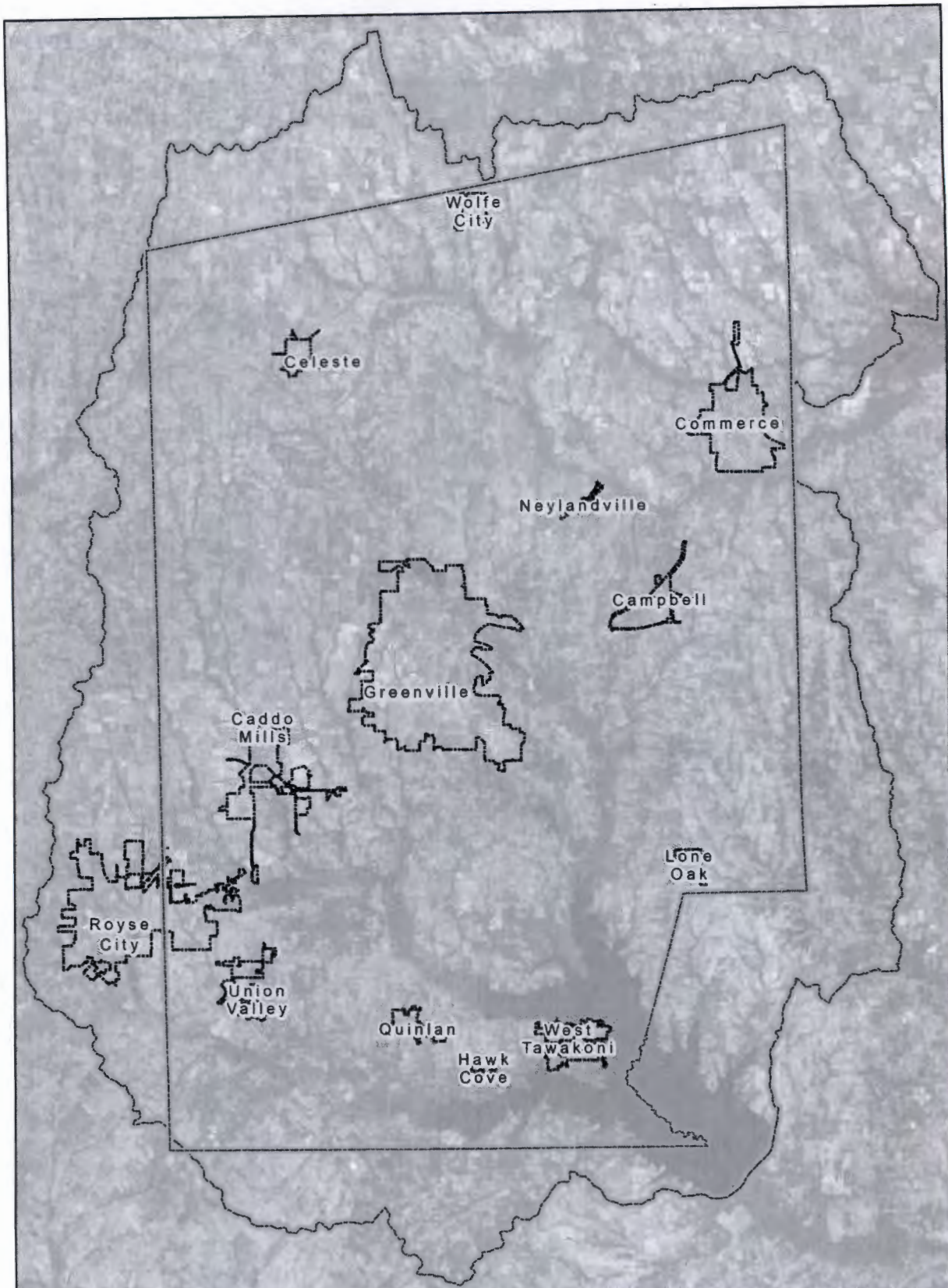
If FNI's services are delayed through no fault of FNI, FNI shall be entitled to adjust contract schedule consistent with the number of days of delay. These delays may include but are not limited to delays in CLIENT or regulatory reviews, delays on the flow of information to be provided to FNI, governmental approvals, etc. These delays may result in an adjustment to compensation as outlined on the face of this AGREEMENT and in Attachment CO.

COST:

Below are costs for the scope of Basic Services described above with breakdowns by task. These costs only pertain to the Countywide Drainage Study and do not include any design fees. FNI proposes to furnish our Basic Services as described herein for a Lump Sum fee of Two Hundred Fifty-Five Thousand dollars and No Cents (\$255,000).

Task	Basic Services	Cost
1	Project Management	\$ 12,135
2	Coordination and Collaboration Work Sessions	\$ 7,359
3	Data Collection	\$ 8,594
4	Screening Assessment	\$ 55,282
5	Targeted HH&H Modeling and Alternatives Analysis	\$ 86,646
6	Dam Assessment	\$ 35,887
7	Technical Report	\$ 21,907
8	Public Outreach	\$ 27,190
	Total	\$ 255,000

Attachment E | Exhibits



0 5,000 10,000 20,000
Feet

Study Area was determined with the use of HUC-10 boundaries

Legend

- County Boundary
- Hydrologic Study Area
- City Limits

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Fort Worth, TX 76109-4895
(F) 817-795-7900 (T) 817-795-7491

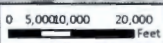
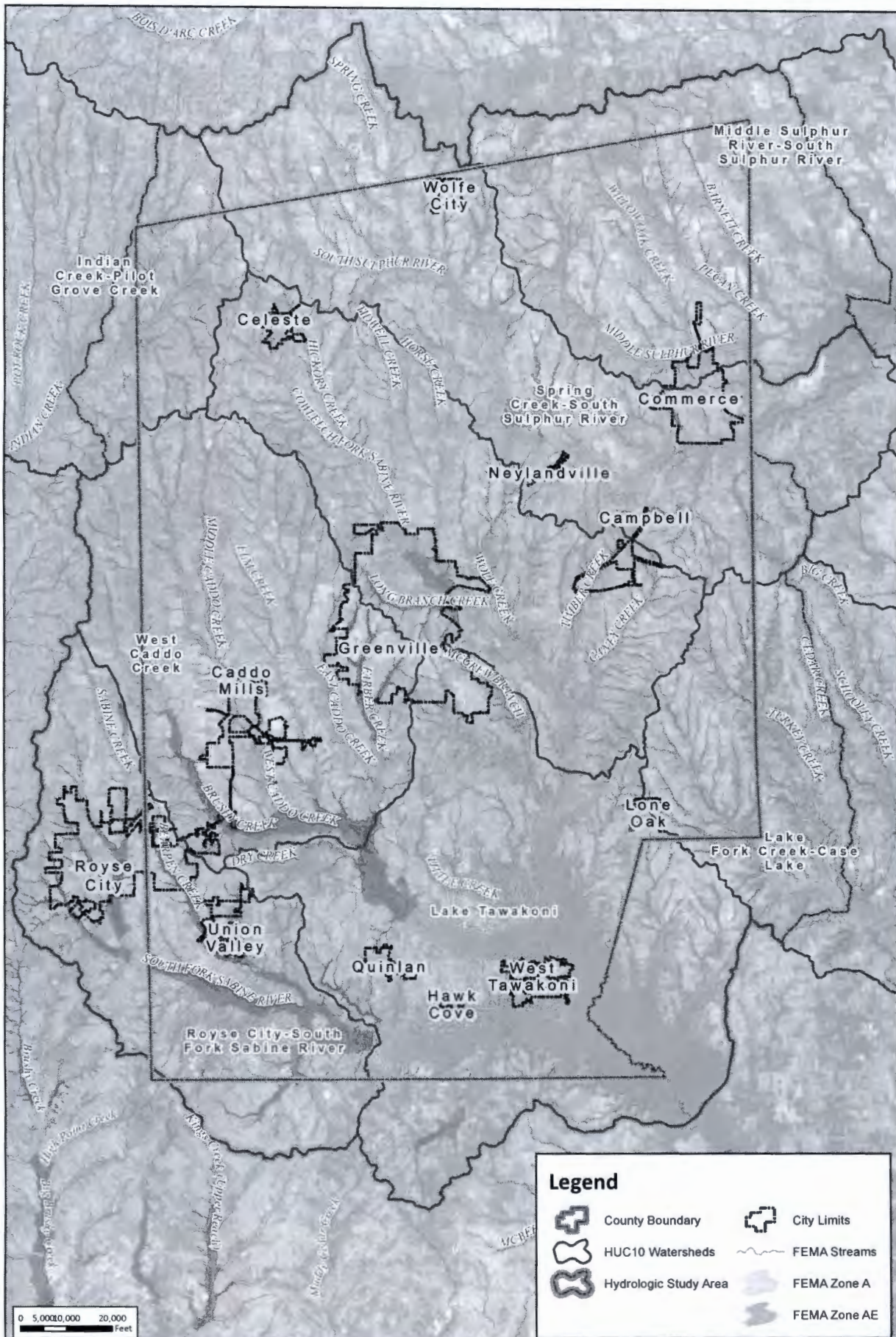


Hunt County FIF Application - Phase 1

Project Location

PN JOB NO	HUC20381
FILE	Exb. 1_Hunt_Overall
DATE	10/16/2020
SCALE	1:232,800
DRAFTED	02271

EXHIBIT
1



Legend

	County Boundary		City Limits
	HUC10 Watersheds		FEMA Streams
	Hydrologic Study Area		FEMA Zone A
			FEMA Zone AE

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Hunt County FIF Application - Phase 1

Project Area and Component Map

FN JOB NO	HUC20381
FILE	Ex 2_Hunt_Component
DATE	10/16/2020
SCALE	1:232,800
DRAFTED	02271

EXHIBIT
2

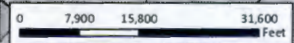


Legend

Concentration of Structures at Risk of Flooding
 High (Dark Gray)
 Low (Light Gray)

Historical Flooding Locations (Icon)

County Boundary (Icon)



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Hunt County FIF Application - Phase 1

Potential Structures in Floodplains

FN JOB NO	HUC20381
FILE	Ex-2 Hunt Hotspot_V2
DATE	6/11/2020
SCALE	1:180,000
DRAFTED	02484

EXHIBIT

3