



June 15, 2021

Notice is hereby given of a Regular Meeting of Nacogdoches City Council to be held on the above date via videoconference, with the opportunity to appear in person in the City Council Chambers of City Hall, 202 East Pilar Street, Nacogdoches, Texas, with a Work Session beginning at 4:00 p.m. and Regular Session beginning at 5:30 p.m. for the purpose of considering the following agenda items.

In accordance with Orders of the Governor due to the COVID-19 pandemic, the City of Nacogdoches City Council meeting will be deemed as being conducted via teleconference or videoconference. However, some City Council Members may attend virtually, while others may be present in the above stated physical location. Regardless, the meeting will be streamed live at <https://www.nactx.us/21>. There will be an opportunity for the public to comment on agenda items either by teleconference or in person in Council Chambers. For those attending in person, strict adherence to COVID-19 related CDC guidelines will be enforced at all times.

Members of the public who wish to submit comments by telephone on a listed agenda item must contact the City Secretary's office by email at vinsonj@nactx.us or by calling 936-559-2506 and providing their name, telephone number and relevant agenda item upon which they wish to speak. All requests to make comments by telephone must be received by 12:00 p.m. on June 15, 2021. For all timely requests received, staff will call the submitted phone numbers directly during the meeting when the corresponding item comes up for comment. NOTE: The incoming phone call from City staff will be an unfamiliar number.

**PLEASE LIMIT PRESENTATIONS TO THREE MINUTES
(UNLESS PRIOR APPROVAL IS OBTAINED)**

1. Call to order.
2. Pledge of Allegiance.
3. WORK SESSION:
 - A. Have a discussion and provide direction regarding developing a strategy for improving communications between the City and residents. (Council Member, Northeast Ward and City Manager)
 - B. Receive an update, hold a discussion and give staff direction regarding the proposed Comprehensive Land Use Plan and Downtown Master Plan studies. (City Manager)
4. Open Forum.
5. Items to be removed from Consent Agenda.
6. **CONSENT AGENDA:** Items included under Consent Agenda require little or no deliberation by Council. Approval of Consent Agenda authorizes the City Manager or his designee to proceed with conclusion of each in accordance with staff recommendations as reflected in the minutes of this meeting.
 - A. Consider approval of minutes from June 1, 2021 regular meeting and June 4, 2021

special meeting. (City Secretary)

- B. Consider Budget Ordinance Amendment for 2021 NEA Big Read Grant. (Library Manager)

7. **REGULAR AGENDA:**

- A. Have a discussion and provide direction regarding a request from MissionNac for the City of Nacogdoches to waive fees for Solid Waste services for the 2021 Summer Works Project scheduled for June 16-19, 2021. (City Manager)
- B. Consider approval of a contract by and between the City of Nacogdoches and L.S. Equipment Co., Inc. for the 2021 Seal Coat Project in a not-to-exceed amount of \$688,751.50. (Director of Public Works)
- C. Receive a report and hold a discussion and give staff direction on the Central Heights area water system. (Public Works Director)
- D. Consider appointing members to the Deep East Texas Council of Governments (DETCOG) Board of Directors. (Mayor)

Council may conduct Executive Session deliberation, reconvening open session for action, if any, on Executive Session items. Regular Session agenda items appropriate for Executive Session consideration may be moved into Executive Session for deliberation, but not action, upon proper announcement at the meeting by presiding officer.

8. **EXECUTIVE SESSION:**

- A. Deliberation regarding Economic Development negotiations under Government Code Section 551.087 as follows:
 - 1. Discuss or deliberate regarding commercial or financial information the City has received from business projects the City body seeks to have locate in the City of Nacogdoches and with which the City is conducting economic development negotiations; and
 - 2. Deliberate offer of financial or other incentive to business prospects described by Subdivision 1 above.

- 9. Open for action, if any, on Executive Session item(s).

- 10. Adjourn.



Jan Vinson, City Secretary



This agenda is posted as required under G. C. Section 551.041. For more information or a copy of the Open Meetings Act, please contact Attorney General of Texas at 1-800-252-8011; City Secretary at 936/559-2506 or visit City of Nacogdoches web site at www.nactx.us.

CERTIFICATION

I certify the notice of meeting was posted in the directory outside of City Hall, 202 E. Pilar Street, Nacogdoches, Texas on June 10, 2021 at 11:30 a.m. and remained posted until meeting convened.

Jan Vinson, City Secretary



City Council Meeting

Date: June 15, 2021

Agenda Item: 3.A.

PRESENTER: Mario Canizares, City Manager

ITEM/SUBJECT: Have a discussion and provide direction regarding developing a strategy for improving communications between the City and residents. (Council Member, Northeast Ward and City Manager)

SUMMARY/BACKGROUND: Mayor Mize, Council Member Belanger, and City Manager Canizares met on June 2, 2021. One of the discussion items at the meeting was finding ways to improve City communications towards residents. Council Member Belanger suggested that a Task Force be considered to review the City's efforts. The Mayor recommended that the topic be brought forward to the whole City Council for further discussion, input, and consideration.

FINANCIAL:

No financial impact associated with this item

COUNCIL PRIORITIES: THIS AGENDA ITEM IS CONSISTENT WITH THE FOLLOWING CITY COUNCIL PRIORITIES

Community Engagement/Diverse Environment

CITY CONTACT: Mario Canizares
canizaresm@nactx.us
936-559-2501

ATTACHMENTS: 1. CITY COMMUNICATIONS TASK-FORCE

CITY OF NACOGDOCHES COMMUNICATIONS TASK-FORCE

Purpose - Develop Strategy for Improving Communications Between the City and Residents

1. Determine Existing Communications Structure/Efforts - General and Emergency Communications

Interview City staff and stakeholders to identify and evaluate existing plans and execution of communication efforts including emergency and non-emergency interactions.

2. Gather Input from Key Communities

Visit with local communication professionals, representatives of local communities and others to identify optimum tools and methods for delivering information to and receiving information from residents.

3. Review and Assess Findings

Compile, analyze and prioritize information gathered from all sources and develop a list of findings to share with the City.

4. Deliver Conclusions and Recommendations

Draw conclusions from interviews, visits and findings and make recommendations to the City on how best to improve engagement with residents.

PRESENTER: Mario Canizares, City Manager

ITEM/SUBJECT: Receive an update, hold a discussion and give staff direction regarding the proposed Comprehensive Land Use Plan and Downtown Master Plan studies. (City Manager)

SUMMARY/BACKGROUND: During the December 15, 2020 and January 19, 2021 City Council meetings, Staff presented a list of long range studies and strategies that would assist the City in creating long-term, strategic action-plans to help further current and future planning, engineering and economic development efforts. Based on input received from City Council at both work sessions, Staff was provided direction to move forward with the advancement of these initiatives, including conducting the procurement process of the following two proposals:

- Hire a consultant to create a Downtown Master Plan; and
- Hire a consultant to update to the City's Comprehensive Plan.

The Downtown Master Plan would create a vision for downtown Nacogdoches and act as a framework for future ordinances and initiatives with strategies to help reinvigorate the downtown area. This plan would also include a market analysis to explore how much, and what type of new retail, entertainment, and housing exists, and might be needed in the years ahead. A design plan for downtown was last completed in 1974.

The Comprehensive Plan update would include a review of current conditions of land uses, recommend future land uses, a future transportation plan, and implementation strategies. The update would include an in-depth study of the proposed I-69 Corridor which would include more specific future land use, utility, and design suggestions. The update would also incorporate a housing needs assessment, which would include a review of the City's current housing stock and project housing needs for the near and long term. The Comprehensive Plan was last updated in 2003.

As a result of the May 1, 2021, Municipal elections, Jimmy Mize was elected Mayor and Kathleen Belanger was elected to City Council. The new City Council held their first regular meeting on May 18. At that meeting, City staff provided an update to the City Council on the project and procurement process used for the two studies.

At the, May 18, 2021 meeting, City Council recommended that the City host two public forums sessions and establish two committees to work on the studies. The committees would work directly with the staff and the consultant at the beginning and throughout the study period. Public meetings were held on Monday, June 7, 2021 and Tuesday, June 8, 2021. The attendance at the meetings drew approximately 165 and 155 people each evening respectively. There were several questions asked from those in attendance. Also, a survey was created to allow for additional input from the community. The survey and committee application were made available on the City's website.

The survey portal will close on June 14, 2021 so that staff can compile and provide copies to City Council on the initial feedback from the community. Also, the Committee application

process will conclude on June 25, 2021.

The purpose of the discussion with City Council on June 15, 2021 is to review the general feedback from the two forums, discuss the committee process, and provide direction to staff as to how the City Council would like to proceed with the procurement process for these studies.

FINANCIAL:

No financial impact associated with this item

COUNCIL PRIORITIES: THIS AGENDA ITEM IS CONSISTENT WITH THE FOLLOWING CITY COUNCIL PRIORITIES

Downtown Entertainment and Destination District; Neighborhood Revitalization and Attainable Housing; Community Engagement/Diverse Environment; Infrastructure; I-69 Development; Economic Development; Value-Driven Education and Job Training

CITY CONTACT: Mario Canizares, City Manager
canizaresm@nactx.us
36-559-2501

ATTACHMENTS: 1. Public forums - June 7-8, 2021 - CC - 06.15.2021
2. CC Work Shop - June 15 2021



**Economic Development and Planning Strategies:
Update on Comprehensive Plan and Downtown Master Plan
June 7 & 8, 2021**

Today's Itinerary:

- Welcoming comments/introductions
- Background on planning for the future
- The purpose of:
 - Comprehensive Land Use Plan (Comp Plan)
 - Downtown Master Plan (DT Master Plan)
- The process used and what has happened so far
- Next steps
- Answer questions and seek feedback from the community

What is Comprehensive Planning & Master Planning?

- Sets the vision, strategy and goals for the future of a city/area
- Comprehensive Plan = covers a large geographical area
- Master Plan = limited to a regional area

Guides, directs and provides a broad view for a vibrant local economy:

- Protect neighborhoods, natural resources and historic buildings
- Land use (existing and future)
- Transportation, infrastructure, and public facilities
- Changes to population, demographics and development patterns
- Quality of life needs for existing and future residents
- Recommends long-range policies to address needs
- And there is ALWAYS citizen participation

Why do the studies?

Comprehensive Plan

- Current Plan completed in 2003 (previous one was 1994)
- Best practices > update Plan every 5-10 years
- Changes in development, retail, economy, and housing
- 1997 Economic Census: industry, occupation, employment
- Used 2000 Census demographics
- Alignment of I-69
- Laws have changed: annexation, tax, alcohol
- SFA and ISD expanded facilities
- Current plan does not address neighborhood preservation

The Scope of the Comprehensive Plan (12-16 months)

- Heavy on citizen engagement
- Community driven vision for the future
- Establish long range goals and objectives
- Includes plans for: future land use, transportation, park, and community facilities
- Develop a proposed I-69 corridor plan
- Develop a housing needs assessment
- Include implementation strategies

Why do the studies?

Downtown Master Plan

- To set a vision and a strategy for a vibrant downtown
- Current Plan completed in 1974
- Changes in development, retail, economic, & housing patterns
- Empty buildings and store fronts
- ADA/Accessibility issues
- Aging & lacking infrastructure; parking issues
- Become more competitive for grant opportunities

The Scope of the Downtown Master Plan (10-12 months)

- Heavy on citizen engagement
- SWOT analysis (Strengths, Weaknesses, Opportunities, and Threats)
- Work with the community to create a vision for downtown
- Evaluate current market conditions
- Review facades, streetscapes, pedestrian access, parking
- Provide implementation recommendations

What Has Happened So Far

✓ City Council Workshops

- December 15, 2020 & January 19, 2021
- On 1/19, direction given to proceed with Request for Qualification (RFQ) process Comp. Plan and DT Master Plan

✓ RFQ solicitation/procurement process

- RFQ scopes published on 3/7 and submittal deadline on 3/26
- 10 submittals received for Comprehensive Land Use Plan
- 13 submittals received for DT Master Plan

What Has Happened So Far (cont'd)

✓ 5-person panel:

- Reviewed and scored written statement of qualifications (SOQs)
- Narrowed list to 3 firms to interview for each study

✓ Panel interviewed 3 firms for each study on May 11 and 13

- 5/11 – Comp Plan: Stantec, DTJ Design, and Verdunity
- 5/13 – DT Master Plan: Gunda, DTJ Design, and Design Workshop
- No decisions have been made from the interviews

✓ Staff presented an update to City Council on May 18

- Recommended two public meetings (June 7 & 8)
- Establish a stakeholder committee for each study

Firm Comparisons

Comprehensive Plan				Downtown Master Plan		
Firm and Discipline	<u>Stantec</u>	<u>DTJ Design</u>	<u>Verdunity</u>	<u>Gunda</u>	<u>DTJ Design</u>	<u>Design Workshop</u>
Planning	Stantec (TX)	DTJ Design (TX)	Verdunity (TX)	Gunda (TX) & Kending Keast (TX)	DTJ Design (TX)	Design Workshop (CO & TX)
Landscape Architect	Stantec (TX)	DTJ Design (TX)	TBG (TX)	White Oak Studio (TX)	DTJ Design (TX)	Design Workshop (CO)
Public Engagement	Stantec (TX)	CivicBrand (TX)	Verdunity (TX)	Gunda (TX)	CivicBrand (TX)	CD&P (TX)
Market Analysis	Stantec (TX)	Catalyst (TX)	Zions (Utah)	CDS (TX)	Catalyst (TX)	Design Workshop (CO)
Engineering	Stantec (TX)	KSA (TX)	Verdunity (TX) & Avenue (Utah)	Gunda (TX)	KSA (TX)	Walter P. Moore (TX)

Next Steps:

- Committee applications posted on City website
 - www.nactx.us/committee
- Established a project website
- June 15: Work Session with City Council
 - Provide info on public meetings
 - Discuss Committee selection process
 - Committee applications due June 25, at 5:00 p.m.
- Mid July:
 - Consideration of the contracts

Project Timelines – Comp Plan Update

MONTHS	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16
PHASE 1 - Project Kick-off & Data Collection/Review								
Assessment of Existing Conditions Plan/Code Review								
PHASE 2 - Community Engagement & Outreach								
Community Workshops Surveys & Stakeholder Mtgs Steering Committee Mtgs								
PHASE 3 - Visioning & Goal Setting								
Prioritize Values Goals & Strategies								
PHASE 4 - Explore & Organize								
Planning & Design Charrette Modeling/Exploring Alternatives								
PHASE 5 - Drafting the Plan								
Draft Plan Elements Implementation & Action Plan Review, Input & Revisions								
PHASE 6 - Adoption								
Final Plan, Review & Revisions, Adoption								

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Project Timelines – Downtown Master Plan Update

MONTHS	1-2	3-4	5-6	7-8	9-10	11-12
PHASE 1 - Project Kick-off & Data Collection/Review						
Assessment of Existing Conditions						
Plan/Code Review						
PHASE 2 - Community Engagement & Outreach						
Community Workshops						
Surveys & Stakeholder Mtgs						
Steering Committee Mtgs						
PHASE 3 - Visioning & Goal Setting						
Prioritize Values						
Goals & Strategies						
PHASE 4 - Explore & Organize						
Planning & Design Charrette						
Modeling/Exploring Alternatives						
PHASE 5 - Drafting the Plan						
Draft Plan Elements						
Implementation & Action Plan						
Review, Input & Revisions						
PHASE 6 - Adoption						
Final Plan, Review & Revisions, Adoption						



Q&A

Thank You!

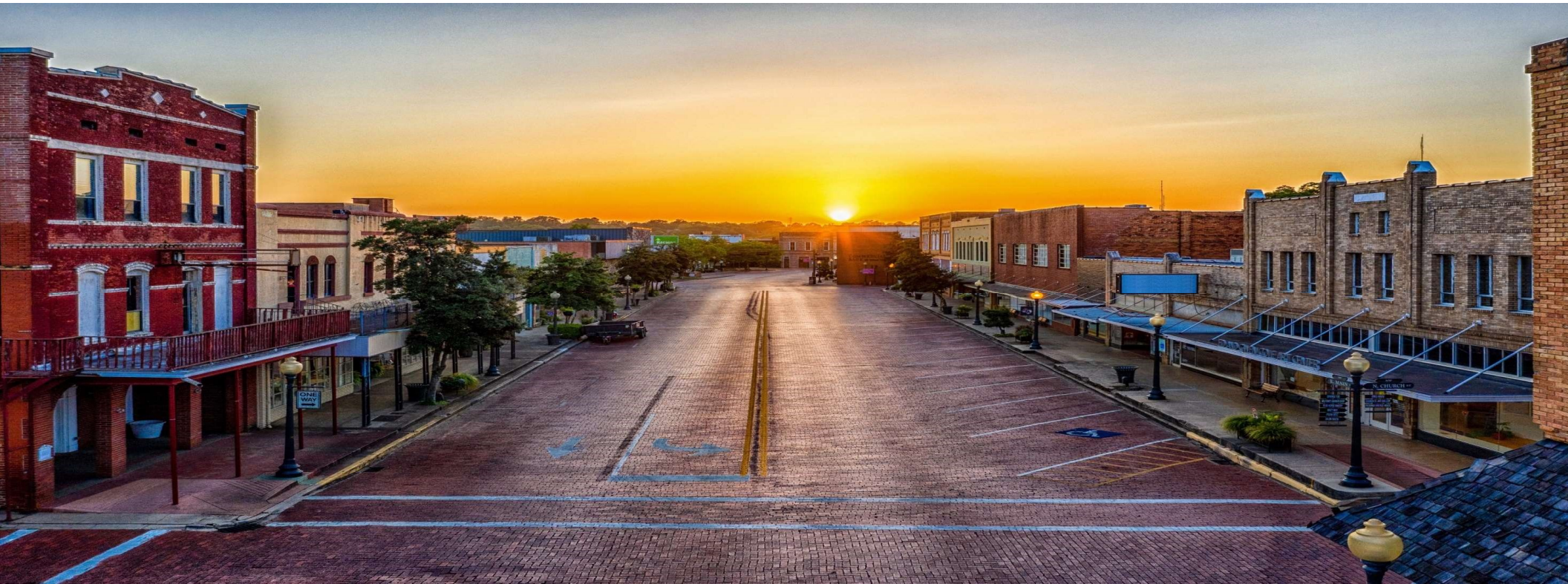
Email: canizaresm@nactx.us

Visit us at www.nacogdochesplans.com

General Questions:

1. What do you love about Nacogdoches?
2. What are some of the City's biggest challenges/issues?
3. As the City plans its future, what should be prioritized?
4. What would you change about Nacogdoches?
5. What is missing in our City?
6. What do we need more of?
7. What do we need less of?
8. In a few words, what do you think should be the vision of Nacogdoches?

Visit us at www.nacogdochesplans.com



Update on Comprehensive Plan and Downtown Master Plan City Council Meeting - June 15, 2021



Timeline Recap

- December 15, work session with City Council.
- January 19, City Council follow-up work session with direction given to proceed.
- March 7, RFQ's published.
- March 26, deadline for RFQs.
- April 5, review panel met to review all RFQ submittals.
- May 1, City Election
- May 11, interviewed 3 semi-finalists for Comp. Plan.
- May 13, interviewed 3 semi-finalists for DT Master Plan.
- May 18, City Council work session.
- June 7 & 8, public meetings



Update:

- Established a project website
 - Added a survey for initial feedback
- Committee applications posted on City website
 - www.nactx.us/committee
 - Applications due June 25, at 5:00 p.m.
- June 15: Work Session with City Council
 - Provide info on public meetings and survey recap
 - Discuss Committee selection process

Public Meetings and Survey recap:

June 7 at CBTX Community Room

- 165 people in attendance
- Hearing impaired and Spanish translation services available

June 8 at CL Simon Recreation Center

- 155 people in attendance
- Hearing impaired and Spanish translation services available

Survey Recap



Committee Makeup (original):

Comprehensive Land Use Plan – 9 persons

- City Council Member, Planning & Zoning Commission Member, Rep. from SFA, Rep. from NEDCO Board, and 5 from the community

Downtown Master Plan – 9 persons

- City Council Member, Rep from SFA., Rep from NHLPC, CVB Board member, and 5 from the community
-
- All committee meetings would be open to the public
 - All committee members appointed by City Council



Committee Makeup (amended):

Comprehensive Land Use Plan – 15 persons

- City Council Member, NISD Rep, Planning & Zoning Commission Member, SFA Rep, NEDCO Board Rep, and 10 from the community

Downtown Master Plan – 14 persons

- City Council Member, Nac Main Street Rep, NHLPC Rep, CVB Board Rep, and 10 from the community
-
- All committee meetings would be open to the public
 - All committee members appointed by City Council



Discussion for City Council:

- Committee application review process
- RFQ procurement
 - Date for consideration of the contracts



Q&A

Thank You!

Visit us at www.nacogdochesplans.com



City Council Meeting

Date: June 15, 2021

Agenda Item: 6.A.

PRESENTER: Jan Vinson, City Secretary

ITEM/SUBJECT: Consider approval of minutes from June 1, 2021 regular meeting and June 4, 2021 special meeting. (City Secretary)

SUMMARY/BACKGROUND:

FINANCIAL:

No financial impact associated with this item

COUNCIL PRIORITIES: THIS AGENDA ITEM IS CONSISTENT WITH THE FOLLOWING CITY COUNCIL PRIORITIES

Not Applicable

CITY CONTACT: Jan Vinson, City Secretary
vinsonj@nactx.us
936-559-2506

ATTACHMENTS: 1. CC060121 Minutes
2. CC060421 Minutes



Regular Session
Nacogdoches City Council
June 1, 2021 – 4:30 p.m.
City Council Room – City Hall
202 East Pilar Street

DRAFT

City Council present in person: Mayor Jimmy Mize, Council Members Roy Boldon, Jay Anderson and Kathleen Belanger. **Attended Virtually:** Council Member Amelia Fischer.

1. Called to order at 4:31 p.m.

2. Pledge of Allegiance.

3. **WORK SESSION:**

- A. Receive a report, hold a discussion and give staff direction regarding an update from Army Curtis, AIA on concepts for the partial renovation of City Hall first floor.

City Manager Mario Canizares discussed the need for partial renovation of the first floor at City Hall due to safety concerns, enlarging meeting spaces and City Council Chambers, and improve customer service. Mr. Canizares stated when citizens and customers enter City Hall they are not greeted, therefore leaving people to navigate their way around City Hall with little or no assistance. This proposed renovation will create an improved City Council Chambers, an area to conduct City Council work sessions and community meeting rooms along with a lobby staffed by a receptionist.

Army Curtis with Curtis Architecture reviewed a graphic of the proposed renovation which will create a lobby, one large meeting room which can be divided into smaller meeting spaces, a larger City Council Chambers and more secured access to other areas of City Hall. The existing restrooms, elevator and stairwell on the north end of City Hall will remain the same. In order to renovate this portion of City Hall the Human Resources Office will relocate to another floor.

Mr. Curtis stated the proposed renovation would include approximately 4,100 square feet and the initial construction cost is estimated to be \$160,000. With added soft costs, technology costs and architect/engineering fees incorporated, the total project costs would be approximately \$1 million.

Discussions included the most recent City Hall renovations which occurred in 2000, other businesses in Nacogdoches that have secure entrances, renovating versus rebuilding, security concerns, lobby receptionist job duties and funding options. City Council also discussed other capital improvement projects that are a priority over renovating City Hall.

Council Member Belanger stated she'd like to see much less expensive ways to secure the building and offer improved customer service.

City Manager Mario Canizares discussed funding options to include Cares Act funding, funds the City has on hand and funding through a bond program.

Steve Bartlett, Director of Public Works, stated many industries in Nacogdoches have secure entries. Mr. Bartlett also stated it is time to look at needed renovations to City Hall if we remain in the current building. The proposed renovation does not include the rear public entrance to City Hall. Mr. Bartlett asked for City Council direction on moving forward with the proposed renovations or make changes to the plans.

Council Member Anderson stated this project is well worth taking a closer look at but also making sure we are not taking away funds from other needed projects. Customer services, ease of access and security are important but further exploration is necessary.

Council Member Boldon stated he does believe security should be the number one priority at City Hall. He also stated he'd like to see options to secure the building first then work toward other remodeling options.

Council Member Fischer would like to know what other Capital Improvement Projects are needed before deciding on renovating City Hall. She would like to know if a significant portion of the funding needed to be renovate City Hall could be covered by grants or other funds.

Minutes unofficial until approved by City Council

Mayor Mize agrees that City Council should see what other Capital Improvement Projects are needed in order to prioritize.

Staff will ask Army Curtis to create another plan showing renovation including only secure building access for both front and rear doors along with lobby area.

4. No one spoke during Open Forum.

5. No items removed from Consent Agenda.

6. **CONSENT AGENDA:** Items included under Consent Agenda require little or no deliberation by Council. Approval of Consent Agenda authorizes the City Manager or his designee to proceed with conclusion of each in accordance with staff recommendations as reflected in the minutes of this meeting.

A. Minutes from May 18, 2021 regular meeting.

B. Consider contract amendment for Saicam Electric to increase the maximum expenditure for electrical repair services from \$40,000 to \$65,000.

C. Consider approval of a Mutual Aid Agreement between the City of Nacogdoches and City of Lufkin for the provision of law enforcement by aiding and assisting the participating law enforcement agencies during an emergency by assigning resources, equipment, and/or law enforcement personnel.

D. Consider approval of a change order to the construction contract of the 2020 Downtown Storm Sewer Rehabilitation Project in the amount of \$7,680.00.

E. Consider the renewal of an agreement between City of Nacogdoches and Nacogdoches Economic Development Corporation (NEDCO) for the provision of personnel to conduct economic development services by the Nacogdoches Economic Development Corporation.

Council Member Roy Boldon moved approval; motion duly seconded by Council Member Jay Anderson and carried by unanimous vote.

7. **REGULAR AGENDA:**

A. Consider appointment of Mayor Pro Tempore and Vice Mayor Pro Tempore.

Mayor Jimmy Mize moved to appoint Council Member Roy as Mayor Pro Tempore and Council Member Amelia Fischer as Vice Mayor Pro Tempore; motion duly seconded by Council Member Kathleen Belanger and carried by unanimous vote.

B. Consider approval of a contract by and between the City of Nacogdoches and National Industrial Maintenance, Inc. for the 2021 Street Crack Seal Project in a not-to-exceed amount of \$239,860.00.

Case Opperman, Assistant Director of Public Works, stated this is the first of two projects for the City's paving projects for the coming year. On May 20, 2021 four bids were received with National Industrial Maintenance being the low bidder at \$239,860.00.

This project will include routing out and sealing cracks on thirty-two (32) residential streets throughout the City. This work is in advance of the 2021 Seal Coat Project which will provide a new sealed driving surface on these streets. These two projects comprise the first two of three paving objectives for 2021 as outlined in the Annual Street Maintenance Report. This project will be funded by the street maintenance fee.

Council Member Kathleen Belanger moved approval; motion duly seconded by Council Member Jay Anderson and carried by unanimous vote.

C. Receive a report on the after action review of Winter Storm Uri and the 2021 Hurricane Season and provide feedback and guidance.

Division Chief and Emergency Management Coordinator Michael Self discussed the response to Winter Storm Uri and reviewed the timeline associated with the storm. Chief Self also talked about issues with the water plant due to rolling blackouts, snow and ice accumulation, fuel shortages, warming shelters, power outages due to freezing weather and water distribution to critical facilities. City staff participated in an after action plan to discuss challenges, solutions and progress as it relates to communications,

fuel for City response, the Emergency Management Team, infrastructure, educating critical partners, pre-staged resources and educating the public on being prepared in emergency situations.

Chief Self also discussed the 2021 Hurricane Season including predictions from NOAA and Colorado State University, and local planning.

Council Member Fischer suggested looking into emergency preparedness grants to assist with preparing emergency kits for citizens who cannot afford to do so themselves. She also discussed ways to avoid infrastructure issues during emergencies in the future.

Director of Public Works Steve Bartlett stated staff has been working with Oncor Electric Delivery to get designated facilities named as areas that are critical. This would prevent those designated facilities from being part of a rolling blackout.

Council Member Belanger suggested creating organized volunteer groups for emergencies and to provide training for them.

Council Member Anderson suggested public workshops to educate the community on what to do in an emergency, how to be prepared and who to contact.

Council Member Boldon also suggested the public workshops should include education on how to prepare emergency kits.

City Council convened into Executive Session at 6:15 p.m.

8. **Executive Session:**
- A. Deliberation regarding Economic Development negotiations under Government Code Section 551.087 as follows:
 - 1. Discuss or deliberate regarding commercial or financial information the City received from business projects the City body seeks to have locate in the City of Nacogdoches and with which the City is conducting economic development negotiations; and
 - 2. Deliberate the offer of a financial or other incentive to business prospects described by Subdivision 1 above.
9. City Council convened in open session at 6:43 p.m. taking no action.
10. Meeting adjourned at 6:43 p.m.

ATTEST:

Mayor Jimmy Mize
City Council
City of Nacogdoches

Jan Vinson, City Secretary



Special Session
Nacogdoches City Council
June 4, 2021 – 4 p.m.
Videoconference

DRAFT

City Council present in person: Mayor Jimmy Mize, Council Members Jay Anderson and Kathleen Belanger. **Council members present virtually:** Council Member Roy Boldon. **Absent:** Council Member Amelia Fischer.

- 1. Called to order at 4:04 p.m.
- 2. Pledge of Allegiance.
- 3. No one spoke during Open Forum.
- 4. **REGULAR AGENDA:**

- A. Consider a resolution approving of the City of Nacogdoches, Texas requesting Texas Department of Transportation to allow closing Main Street (SH21) from its intersection with North Street eastwardly to its intersection at University Drive for the 31st Annual Texas Blueberry Festival.

Director of Conventions and Tourism Sherry Morgan stated this item should have been on a previous agenda but due to an oversight on her part the resolution was not timely presented to City Council. In order to close Main Street for the Blueberry Festival a resolution must be approved by City Council and submitted to Texas Department of Transportation (TxDOT) several weeks prior to the event. Due to the oversight TxDOT is working with staff to fast track the permit to close the street.

Council Member Kathleen Belanger moved approval; motion duly seconded by Council Member Jay Anderson and carried by unanimous vote.

- 5. Meeting adjourned at 4:08 p.m.

ATTEST:

Mayor Jimmy Mize
City Council
City of Nacogdoches

Jan Vinson, City Secretary

Minutes unofficial until approved by City Council

PRESENTER: Mercedes Franks, Library Manager

ITEM/SUBJECT: Consider Budget Ordinance Amendment for 2021 NEA Big Read Grant.
(Library Manager)

SUMMARY/BACKGROUND: In the fall of 2017 staff launched the One Book, One City program modeled on the National Endowment for the Arts' (NEA) Big Read, whereby a community reads the same book for a selected period of time and holds book-related events.

Based on that program's success, we applied for and received four NEA Big Read grants, including this year's award of \$19,199, which will be used to purchase copies of this year's selection, *The House on Mango Street* by Sandra Cisneros, and promotional materials. Copies of the book will be distributed throughout the summer with related events taking place in October. The Nacogdoches Convention & Visitors Bureau and Nacogdoches Historic Sites Departments have provided letters of support and several other organizations and businesses have committed to co-hosting events.

A Budget Amendment is proposed to allow receipt and subsequent expenditure of grant funds. The grant allows the City to apply library personnel salaries and financial donations from partner groups as the matching in-kind fund requirements; however, there are no additional net costs to the City.

FINANCIAL:

Item is not budgeted (*Budget Amendment required – see attached*)

Account No.: 24.560.31

Account Name: *Library Grant Revenue*

Amount: \$19,199

Account No.: 24.21.610.65

Account Name: *Book Expense*

Amount: \$16,499

Account No.: 24.21.630.15

Account Name: *Advertising Expense*

Amount: \$ 200

Account No.: 24.21.630.70

Account Name: *Special Services Expense*

Amount: \$2,500

COUNCIL PRIORITIES: THIS AGENDA ITEM IS CONSISTENT WITH THE FOLLOWING CITY COUNCIL PRIORITIES

Community Engagement/Diverse Environment

CITY CONTACT: Brian W. Bray
Community Services Director
559-2935
brayb@nactx.us

ATTACHMENTS: 1. NEA Big Read Budget Amendment Ordinance 2021 (1)
2. 2021 NEA Grant Application: Nacogdoches Public Library

AN ORDINANCE AMENDING ORDINANCE NO. 1835-09-20 APPROPRIATING VARIOUS AMOUNTS IN ACCORDANCE WITH BUDGET ADOPTED FOR THE ENSUING FISCAL YEAR BEGINNING OCTOBER 1, 2020 AND ENDING SEPTEMBER 30, 2021.

WHEREAS, the City Council of the City of Nacogdoches, Texas has approved and adopted the budget for said city for the ensuing fiscal year beginning October 1, 2020 and ending September 30, 2021; and

WHEREAS the City has received notice from the National Endowment for the Arts that the Nacogdoches Public Library has been awarded funds through the Big Read Grant; and

WHEREAS, these funds are to be used to assist in funding of the local Big Read: Nacogdoches events; and

WHEREAS, with the adoption of this ordinance, the City is authorized to accept funding assistance from the National Endowment for the Arts for the Nacogdoches Public Library in the amount of \$19,199; and

WHEREAS, with the adoption of this ordinance, the Library Department is authorized to expend a total of \$19,199 to purchase books, schedule an author visit, and purchase advertising for the local Big Read: Nacogdoches events.

NOW, THEREFORE BE IT ORDAINED by the City Council of the City of Nacogdoches that sums of money as herein set forth in said budget are hereby appropriated and amended for the receipt of funds and payment of operational expenses of the city government of the City of Nacogdoches as follows:

Fund	Dept.	Acct.	Department	Description	Amt.
24		560.31	Library	National Endowment for the Arts Big Read Grant Receipt	\$19,199
24	21	610.65	Library	Purchase of Books with NEA Big Read Grant Funds	\$16,499
24	21	630.15	Library	Paid advertisement in Spanish-language newspaper	\$200
24	21	630.70	Library	Fee for virtual author visit	\$2,500

PASSED AND APPROVED this the 15th day of June, 2021.

James Mize, Mayor
City of Nacogdoches

ATTEST:

Jan Vinson, City Secretary

Approved as to form: _____
Steve Kirkland, City Attorney

Approved as to content: _____
Pamela Curbow, Director of Finance

Nacogdoches Public Library

Nacogdoches, TX

Grant request: \$19,199

Book selection: *The House on Mango Street*

Project information:

Proposed programming start date: 09-24-2021

Proposed programming end date: 11-06-2021

Number of partner organizations: 34

Number of book discussions: 6

Total number of events: 46

Anticipated total participants: 2,000

Panelist notes:

Organization description narrative (one page)

- Briefly describe your organization's mission, history, and achievements.

The Nacogdoches Public Library was established in 1972 thanks to the efforts of the Friends of the Nacogdoches Public Library and other community groups. It is the sole public library in Nacogdoches County. The library outgrew its original site and moved to its current location in 1997. Our organization strives to connect people through lifelong learning opportunities, cultural experiences, and social interactions. We enjoy a reciprocal borrowing relationship with Stephen F. Austin State University's Steen Library, making their considerable collection available to our patrons and vice versa.

- Describe the impact of your organization's experience with presenting community-wide programming that demonstrates an ability to conduct a successful NEA Big Read.

Our library offered 519 programs with an attendance of 13,972 in the 2019-20 fiscal year. In addition to the Big Read, we host annual events for all ages like the Día De Los Muertos Fiesta, Hygge Tea Party, Clothing Swaps, and an action-packed summer reading program. We offer Makerspace and STEAM programs year round, as well as technology classes, story times and children's activities. Tween and teen events include escape rooms, cooking and craft classes, and NERF battles. A thriving adult program series includes art workshops, a cookbook club, themed movie nights, murder mystery nights, and citizenship civics classes. We have also implemented and expanded alternative collections such as the Nacogdoches Seed Library and the Library of Things which circulate items that range from board games and telescopes to kitchenware and gardening tools.

Maintaining and developing community engagement and providing opportunities for meaningful interactions are essential functions of our organization, and the success of our mission hinges on breaking down barriers and fulfilling the role of a true community hub. The library participates at local festivals and events, teacher training at area schools, and school visits.

The library also collaborates year-round with area organizations to present a wide variety of offerings. Routine partners include Historic Sites, Farmers Market, Caddo Mounds State Historic Site, Stone Fort Museum, the Friends of the Visual Arts, Cole Art Center and Gallery, and others. We promote city parks by hosting story hikes and Earth Day events and contribute to the local creative scene by partnering with community poetry nights and arts events. The library teams with the Humane Society for a Vet Talk Series with topics ranging from puppy health to rehabilitation of raptors and was recently honored as their Partner of the Year for this collaboration. While we always try to expand our reach with the Big Read, we make community collaboration a central function of our daily operation.

Since the onset of the pandemic, we have offered virtual programs for all ages, as well as socially distanced in-person programming when possible. For hands-on programs, we provide take-home kits with all necessary materials and instructions.

Project description narrative (no more than three pages)

- Provide a rationale for your chosen NEA Big Read book. (Applicants that have received an NEA Big Read grant in the past for one of the available reading selections may apply again for the same book, but must provide an explanation for doing so and a description of how they intend to revisit the text with new programming.)

The House on Mango Street by Sandra Cisneros is a modern classic coming of age story. Cisneros addresses social issues through the perspective of a young girl and can be read through a variety of lenses. We have made this selection because of its broad appeal in terms of age groups, and we plan to distribute copies to all four grade levels at the local high school, in addition to offering copies to the general public. And while we have a diverse community, we are always searching for ways to reach, include, and celebrate our minority population. Cisneros' exploration of community and identity affords a window into a culture that is both rich and problematic, enabling discussions on gender, race, and social class.

- Describe the community you plan to reach with NEA Big Read programming. For example, a community may be a geographic area, a demographic, or both.

Nacogdoches is the oldest town in Texas, and the history of the region is a point of pride for residents. It is also home to Stephen F. Austin State University, a 4-year school with a current enrollment of 12,620 students, creating rich opportunities for partnerships. There are also substantial local cultural offerings from historic sites, museums, galleries, and parks to a thriving music and performance art scene. The city's population is 33,322 and the median age is 24.4 years, but Nacogdoches is also the center of Nacogdoches County, drawing in many of the additional 30,000 area residents for greater access to entertainment, retail, and library and recreational services. Big Read programs will reach into many corners of the community, taking the library's mission to those who are not regular patrons. The Big Read has become a highly anticipated event, and prior years' participants eagerly await the announcement of the book selection and programs.

- Describe your programming plans in detail. Be sure that your plans meet the programming requirements explained above, and address the themes, writing, and content of the NEA Big Read book.
- Provide details on the types of activities, target audiences for those activities, locations, and intended dates.

Events:

Kickoff - Family-friendly event on the downtown square in conjunction with the Fourth Friday Nac Snack music and food truck celebration on September 24th. In addition to live music and a variety of Mexican food trucks, we will debut our city-wide Read and Ride Bike Share initiative inspired by Esperanza's bicycle episode. Volunteers will repair, paint, and decorate donated bicycles that can be distributed and used around the city for free.

Keynote Panel Discussion - With professors of English, History, and Anthropology.

Book Discussions - (both virtual and in person at the library and at the Bosslight Bookstore) - "Women in the Window", "The American Dream", "Red High Heels: Consent in The House on Mango Street", "Neighborhood & Identity", "Language & Identity" with SFA Language professors, Conversation with professors Gabriela Miranda-Recinos & Dr. Jose Neftali Recinos.

Family Events: Dia de los Muertos Fiesta, "Where I'm From" Writing Workshop with the Community Arts Center of East Texas, Rock Painting with NacTX Rock Hunt, Keep Nacogdoches Beautiful Fall Clean-up, Fair Housing Act Essay Contest, Movie in the Park (Coco), Fall Community Seed Swap, Special Exhibit at the Stone Fort Museum, Animal Adoption Drive with the Humane Society and Animal Shelter inspired by Cathy's cats in the novel.

Children's Events: STEAM programs on house building and repair, themed storytimes each week, including Hairs-Pelitos by Sandra Cisneros, Crafting: Name Jewelry, Library Encounter Box (monthly subscription box that will be specially themed and delivered to elementary school librarians to share with their campuses).

Teen Events: Book trailer workshop, Library Encounter Box (monthly subscription box that will be specially themed and delivered to middle and high school students), Build Your Home: Miniature Houses with SFA Art Department (4 sessions) 1. Building the Structure 2. Polymer Clay Miniatures, 3. Miniature Textiles & Furniture, 4. Landscaping, Crafting: Name Jewelry.

Adult Events: Food Sovereignty program with Resilient Nacogdoches and Caddo Mounds State Historic Site, Trivia Nights (1960s and 1980s trivia), Mango Salsa Cooking Class, Food Fusion Cooking Series, StoryCorps event on "The Names That Came Before Us", Chinese Zodiac Discussion & Art Project, Homeowners Workshop presented by Bancorp South, Drive-in Movie at the Airport (Real Women Have Curves), "Respect the Hustle" Entrepreneurship Workshop with Nacogdoches Economic Development Corporation, Book distribution party at the SFASU Steen Library, Crafting: Doodle & Washi Tape Name Art, Crafting: String Name Art, Crafting: Name Jewelry, Library Encounter Box (monthly subscription box that will be specially themed).

The culminating event will be the Annual Día de los Muertos Fiesta on the downtown square on November 6th. Typically, the festival features community ofrendas for public viewing, music, dancers, calaveras contest, costume contest, and the highlight of the evening is a performance by the Chikawa Aztec Dancers in traditional dress. Community organizations, businesses, food trucks, and many others come together for this celebration. This year we plan to expand the festival's footprint to include the block south of the square and into Festival Park to allow for greater physical distancing and safety. In addition, we will invite local businesses to create ofrendas on their own sites, extending the reach and buy-in for the program, and highlight the Latino culture that figures so heavily in our community, and of course, in *The House on Mango Street*.

- Explain how your activities will be inclusive and engage diverse audiences.

Our event planning is driven by the themes in the novel, including the most apparent, and in our opinion, most crucial for our community - poverty/housing, gender issues, and language & identity. In general, equity and unity are among our core values, and we aim to offer both serious and weighty examinations of significant issues presented in the book, as well as

celebratory community gatherings. We take care to locate events at many various parts of the city. Furthermore, we are tying the series of events to the ever-expanding Dia de los Muertos festival, which we have brought to the downtown square, consciously centering the celebration of Hispanic culture in the heart of the city.

- Describe how you will promote your programming to a wide range of audiences.

Promotion for the Big Read events begins at our Summer Reading Kickoff in June, during which we will distribute copies of the book. We will also hand out books throughout the summer at summer feeding sites, festivals, and the library. Staff outreach visits to city events, such as school gatherings, farmers market events, community festivals, and speaking engagements at civic organizations are also key opportunities. Participating businesses and organizations will receive a promotional packet with window clings, bookmarks, and other items and will be featured on our website and in social media. City of Nacogdoches departments, the Convention and Visitors Bureau, and our university partners routinely cross-promote with us. We will be featured in a City podcast, and we will post additional videos, such as a book shipment unboxing video, to lead up to the kickoff. We are fortunate to have a strong relationship with two local news channels and the newspaper, and we have a community access channel at our disposal. Ads will also run in the area Spanish-language newspaper, La Lengua. We also send out a monthly e-newsletter and a community services activity guide, which is a glossy booklet distributed to all students in area schools. The activity guide for the fall will feature the Big Read logo, and will include a brochure for families with younger children with reading recommendations and a list of family-focused events. We also inserted logo labels in the distributed books. Finally, a page on our website will feature a list of events and partners, along with links to the reader resources and discussion questions at arts.org. This supplemental material has proven to be popular with local book clubs and teachers, who in turn, create additional discussions and program opportunities.

- Explain how your program will distribute copies of your chosen NEA Big Read book and optional companion title(s).

Copies of the book will be available at multiple sites in town, including the Convention & Visitors Bureau, historic sites, the Stone Fort Museum, and Millard's Crossing Historic Village. We also take copies to local festivals and events as the opportunities are presented. For example, we participate in special events at the Farmers Market and distribute copies there. We have found that we can reach a wider audience by diversifying our distribution sites. Finally, we plan to distribute copies in English and Spanish and offer bilingual programs.

Project partnerships description narrative (no more than two pages)

- Describe your partnerships with libraries (as applicable) and community organizations.
- Explain the role each partner will play in your program, the activities each partner will undertake with your organization, and whether these partnerships are confirmed or pending.

We have recruited partners that reach different segments of the population, from elementary school children to first generation college students and from the socially active and engaged to those with limited mobility who are unable to attend programs. Stephen F. Austin State University, through the auspices of a number of departments, will continue to be a major partner. Steen Library and the Nacogdoches Public Library enjoy a reciprocal arrangement, and we will distribute books to students at their site. In addition, university professors in Modern Languages, English, Anthropology, and History will participate in the keynote panel discussion, as well as additional book discussions throughout the month. The Education department will once again make the Big Read a central feature of their elementary and secondary teacher training, and they will serve as event volunteers, and they will have the opportunity to design and implement Big Read-related programs of their own, including developing reading lists and lesson plans for younger readers. Professors and students in the Art department will assist with craft classes at the library and at outreach events. The Stone Fort Museum, located on the SFASU campus, is the city's oldest museum and it offers cultural heritage learning opportunities. The museum will host an event in conjunction with a related exhibit.

The City of Nacogdoches will support our efforts in many ways, offering marketing and logistical help through the auspices of the Communications, Parks and Recreation, and Main Street departments. The city's Historic Sites department will host an after-hours event, and we will offer events in multiple city parks. The Convention and Visitors Bureau provides promotional assistance through their wide social media reach and through program participation. The Nacogdoches Economic Development Corporation is another significant partner, and they contribute both program and promotional support. Nacogdoches was recently designated as a Texas Music Friendly Community, and the local committee helps sustain and develop music-related events and will contribute to the Kickoff event. The Old University Building, a local history museum, and Millard's Crossing Historic Village will be book distribution sites.

Resilient Nacogdoches is a community organization focused on health and environmental concern and are frequent collaborators and will contribute to a number of events, including a food sovereignty workshop. Keep Nacogdoches Beautiful is another recurrent partner and will assist in the cleanup of our major events. KNB is also a collaborator on a Friends of the Forest park project and will help us celebrate neighborhood parks in the city, and we will join them in a Fall Clean-Up Day. Bosslight Bookstore will host a book discussion. We will partner with the Animal Shelter and Nacogdoches County Humane Society for an animal adoption event. Bancorp South will present a workshop for homeowners.

Pending Partners & Proposed Events (These partners have all been contacted, but details have not been finalized):

- Drive-in Opera Performance - Nita Hudson of SFA School of Music
 - Play Adaptation at Nacogdoches High School with Tori Perry
 - Hispanic Bike Club with Jose Olvera of the City of Nacogdoches
 - Food (or Household Goods) Drive with Nacogdoches HOPE (Helping Other People Eat)
 - Bookmaking Project with Neal Cox of SFA Art Department
 - Photo Portraiture with Amanda Breitbach of SFA Art Department
 - Donation of bikes by SFA University Police Department
 - Bike Repair Workshop with Miles' Mobile Bike Shop
 - Book Club with SFA Multicultural Affairs Department
 - Work Day at The Village Nac with Constance Engelking
-
- Explain how your partnerships will allow you to reach your intended audience(s) and engage individuals of diverse backgrounds and ability levels. Discuss any proposed or existing partnerships with specific media outlets.

In addition to the city's media contacts, which include the *Daily Sentinel* Newspaper, KTRE & KETK, we also work with the SFA campus television and radio classes, as well as the area Spanish language newspaper, *La Lengua*. In advance of the kickoff, we will recruit area businesses and organizations to create ofrendas and we will distribute program information, window clings, and a schedule of events to those sites, as well as to all of our partners. The City of Nacogdoches Community Channel runs our videos, both programming and promotional. Nacogdoches ISD supports our efforts to reach students, teachers, and parents by sharing information on their many social media networks, as well as allowing us to visit their campuses. A number of School District groups and clubs participate in Dia de los Muertos, as well. We plan to invite local radio stations, including the Spanish language station, to broadcast live from our Kickoff and Dia de los Muertos culminating event.

Project personnel description (one page)

- Outline the key personnel from the applicant organization and partner organizations and what role(s) they will have in implementing your proposed activities. Include volunteers as applicable. Briefly describe their qualifications for the project.
- Explain how these individuals will help engage diverse audiences with your selected book and promote inclusive experiences.

Brian W. Bray has worked with the City of Nacogdoches since November 2003 and took over the Community Services Division in 2012. He supervises the library, parks and recreation, historic sites, cemetery, and animal services departments. Prior to that position, he served as the Historic Sites Manager and Historic Preservation Officer for the City of Nacogdoches. Previously, he served as the Director of Education for the Texarkana Museums System for two and a half years.

Mercedes Franks, Library Director, will assist with identifying and recruiting presenters and program opportunities. She will also assist with publicity, scheduling, and budgeting. Mercedes has worked with the Nacogdoches Public Library since 2005. In her capacity as director, she manages the library's operating budget and has managed or assisted in the management of grants for collection development, technology and the Humanities Texas grant, which funded our library's first One Book, One City initiative in 2017. She is a native Spanish-speaker and is also involved in local volunteer efforts through the public school and community and church groups.

Crystal Hicks, Assistant Library Director, will be the lead project coordinator and develop programs and events at the library and at partner sites, working as facilitator in the former and liaison in the latter. She has been Assistant Library Director since August 2012. Her primary duties include developing and executing programs for tweens, teens, and adults, as well as overseeing staff and assisting with the library's daily operation. She serves the community in both local and state organizations.

Emily Childress serves as Program Coordinator for the Nacogdoches Public Library, and will plan and implement family programming during the event. In addition, she will develop outreach programs and will generate publicity as needed. She works directly with children and their families, student and community member volunteers, and initiates and develops community and business partnerships.

Jessica Sowell, City of Nacogdoches Historic Sites and Main Street Manager, will create and implement programs both at historic sites, as well as with the parks and recreation department. She has long been an important partner in the library's programs and provides essential contacts with the historical commission and tourism industry.

Sherry Morgan, Executive Director of the Convention & Visitors Bureau, provides marketing support, as well as an additional physical location for events. The Convention & Visitors Bureau is in the heart of downtown and is thus central to our Dia de los Muertos culminating event and other programs. They are also a site for book display and distribution and serve as an information hub.



January 26, 2021

Dear NEA Big Read Review Panel.

I am writing you today in support of the NEA Big Read Grant application submitted for the City of Nacogdoches. Crystal Hicks, the Assistant Library Director, had a vision for what this program would look like in Nacogdoches, and introduced me to the Big Read in early 2017. Crystal's vision and enthusiasm were evident from the very beginning. We spoke about program, reading initiatives, creative partnerships and the community wide impact that the Nacogdoches Big Read/One Book, One City program could have on our small town.

The books that we have featured in the last four Big Read programs - True Grit by Charles Portis, Station Eleven by Emily St. John Mandel, Into the Beautiful North by Luis Alberto Urrea and Circe by Madeline Miller – are all wonderful books but extremely different from one another. We have reached vastly different audiences due to the range of topics and continue to pick books that have meaning to different groups of people.

My department, the City of Nacogdoches Historic Sites, took a very active role in the past four Big Read programs and we intend to do the same in 2021. The Historic Sites Department planned and carried out multiple stand-alone events and collaborative events with several different entities during the Big Read events. We have held Pioneer Days, art exhibits, traveling exhibits, bus tours, escape rooms and full building Pop-Up exhibits all in conjunction with the Nacogdoches Big Read events. All of these events followed themes and story lines from the chosen books, they were planned in cooperation with the Public Library and they allowed us to bring in a completely new audience to our historic house museums.

The One Book, One City program in Nacogdoches was expertly executed and engaged people all throughout our town; activities took place at multiple museums, historic sites, restaurants, vineyards, the Public Library, bookstores and included everything from zine workshops and story times to movie nights, book discussions and museum bus tours. There was something for everyone. Even more impressive is that the Nacogdoches Public Library was able to pivot with the challenges 2020 presented and still host many successful events either in person or virtually. With funding from the NEA we were able to have 40 programs and gave away over 920 copies of the book. With continued funding, we can continue to grow and develop this program and make it into something people look forward to every year.

Thank you for your time,

Jessica Sowell
Assistant Historic Sites Manager
sowellj@ci.nacogdoches.tx.us



January 26, 2021

Dear NEA Big Read review panel,

I am so pleased to write this letter of support for the Nacogdoches Public Library in their pursuit of grant funding from your organization. Our community enthusiastically embraces this program every year and we here at the Convention and Visitors Bureau are no exception.

Our specific role in Nacogdoches' participation in the NEA Big Read is primarily in marketing. Whether on our website, our social media channels, or in our visitors center, we serve as a host site for information on what book we are reading, where one can get a copy of the book as well as the dates and times of the programs and events surrounding our Big Read initiative, and for this last year were able to participate in co-hosting one of the events in a COVID-friendly Drive-In Movie experience that was one of the first opportunities for our community to come together amid the pandemic. Being a Big Read city is important to us here at the Convention and Visitors Bureau. Our job is two-fold - to market Nacogdoches as a vacation and meetings destination and to greet, service, and inform the visitors once they are here. In executing our duties, we are builders and stewards of our brand. Nacogdoches is synonymous with history, beauty, and charm and being a part of such a storied and honored program as NEA Big Read only strengthens our brand.

Thank you for your thoughtful consideration of the grant proposal from Nacogdoches Public Library. I can assure you that the staff uses the funds garnered to curate creative and conscientious content to both extend the story of the selected book as well as emotionally connect the story with the readers in our city. We are a better town for having been able to participate so fully in past Big Reads and that would not have been possible if not for your generous grant. Should you have any further questions of our support of this program or of the Nacogdoches Public Library, please do not hesitate to ask.

Kind Regards,

A handwritten signature in black ink, appearing to read "Sherry Chaney Morgan".

Sherry Chaney Morgan
Executive Director
Nacogdoches Convention and Visitors Bureau

Expense	Detailed description	Source(s)	NEA Big Read Grant	Match/Cost-share			Totals	
				Grantee	Partner/Funder	In-kind	Match total	Sub total
Personnel	<i>Detail the cost of staff for your NEA Big Read project. This can include fringe benefits.</i>							
Library Director	salary	City of Nacogdoches budget for library		\$1,706			\$1,706	\$1,706
Assistant Director	salary	City of Nacogdoches budget for library		\$5,942			\$5,942	\$5,942
Program Coordinator	salary	City of Nacogdoches budget for library		\$3,710			\$3,710	\$3,710
PT circulation clerk	salary	City of Nacogdoches budget for library		\$416			\$416	\$416
FT circulation clerk	salary	City of Nacogdoches budget for library		\$856			\$856	\$856
Shelver	salary	City of Nacogdoches budget for library		\$236			\$236	\$236
FT circulation clerk	salary	City of Nacogdoches budget for library		\$125			\$125	\$125
Volunteers	per hour value \$27.20 based on Independent Sector	Volunteers				\$1,088	\$1,088	\$1,088
							\$0	\$0
							\$0	\$0
							\$0	\$0
Program expenses	<i>Detail costs associated with your NEA Big Read.</i>							
Leslie Cecil, PhD	keynote speaker- Anthropology professor	SFASU History				\$250	\$250	\$250
Dana Cooper, PhD	keynote speaker- History professor	SFASU Anthropology, Geo & Sociology				\$250	\$250	\$250
Ken Untiedt, PhD	keynote speaker- English professor	SFASU English & Creative Writing				\$250	\$250	\$250
Gabriela Miranda-Recinos, PhD	speaker - Languages professor	SFASU Modern Languages				\$250	\$250	\$250
Jose Neftali Recinos, PhD	speaker - Languages professor	SFASU Modern Languages				\$250	\$250	\$250
Carlos Cuadra, PhD	speaker - Languages professor	SFASU Modern Languages				\$250	\$250	\$250
Linda Levitt, PhD	speaker - Languages professor	SFASU Modern Languages				\$250	\$250	\$250
Brian Uriega, PhD	speaker - Languages professor	SFASU Modern Languages				\$250	\$250	\$250
Nita Hudson	opera performer	SFASU Music				\$250	\$250	\$250
Books	1700 Copies of House on Mango Street for NHS	NEA Big Read Grant	\$10,166					
Books	1000 Copies of House on Mango Street for General Public	NEA Big Read Grant	\$5,980					
Books	50 Copies of House on Mango Street in Spanish	NEA Big Read Grant	\$353					
Author Visit	Virtual Discussion with Sandra Cisneros	NEA Big Read Grant	\$2,500					
Movie License	Drive-In Screening of The Color Purple	City of Nacogdoches Budget for Library		\$395			\$395	
Movie License	Movie in the Park Screening of Coco	City of Nacogdoches Budget for Library		\$395			\$395	
Portable Toilet Rental	Drive-In Screening of The Color Purple	City of Nacogdoches Budget for Library		\$250			\$250	
Chikawa Aztec Dancers	Dia de los Muertos performers	Friends of the Library			\$1,000		\$1,000	
Kiki & Johnny	Dia de los Muertos performers	City of Nacogdoches Budget for Library		\$100				
Facility Use	Festival Park	City of Nacogdoches Budget for Library				\$50		
Promotion	<i>Detail costs associated with advertising and promoting your NEA Big Read.</i>							
Facebook Ads	promote programs	City of Nacogdoches budget for library		\$100			\$100	\$100
Window Clings	distribute to local businesses and partner sites	City of Nacogdoches budget for library		\$200			\$200	\$200
Banner, poster, stickers	promotional materials	City of Nacogdoches budget for library		\$300			\$300	\$300
newspaper ads	Bi-weekly newspaper ads in the Daily Sentinel, the local newspaper	City of Nacogdoches budget for library		\$480			\$480	\$480
Tri-fold brochures	calendar of events and program information - 500 copies	City of Nacogdoches budget for library		\$200			\$200	\$200
newspaper ads	La Lengua	NEA Big Read Grant	\$200				\$200	\$200
							\$0	\$0
							\$0	\$0
							\$0	\$0
							\$0	\$0
							\$0	\$0
							\$0	\$0
							\$0	\$0
TOTAL			\$19,199	\$15,411	\$1,000	\$3,388	\$19,799	\$17,809

If you'd like to offer further clarification on any expenses, please provide details below:

PRESENTER: Mario Canizares, City Manager

ITEM/SUBJECT: Have a discussion and provide direction regarding a request from MissionNac for the City of Nacogdoches to waive fees for Solid Waste services for the 2021 Summer Works Project scheduled for June 16-19, 2021. (City Manager)

SUMMARY/BACKGROUND: Tiki Perkins, the MissionNAC Director, visited the City Manager's Office in late May to share the mission and vision of MissionNAC. Ms. Perkins shared that because of rising costs of construction materials, it was causing a strain on the number of families they could assist. Ms. Perkins requested that the large dumpster fees being assessed be waived for their 2021 Summer Works Project which is scheduled for June 16-19, 2021.

According to excerpts from the MissionNac website, the Summer Works Project is a 4-day work project the second week in June. MissionNAC got its beginning with the very first WORKS project – churches coming together to SERVE those in our community who simply needed a hand up - the needy, the disenfranchised, the widow. We have roofed, scraped and painted, built porches and carports, replaced windows and trim, delivered furniture, mowed, gardened, trimmed trees, and landscaped for our neighbors at no cost to them.

What began in 2012 with 3 homes (project sites) grew to 29 homes in 2020 with over 600 volunteers. Imagine what 1,000 could do?! Lives are changed as the love of Christ is spoken and, more importantly, demonstrated. Your whole family is invited to serve! Materials will be provided, you will be fed lunch and dinner (Covid friendly), and you will be guided by an expert at the home you are assigned to.

FINANCIAL:

No financial impact associated with this item

COUNCIL PRIORITIES: THIS AGENDA ITEM IS CONSISTENT WITH THE FOLLOWING CITY COUNCIL PRIORITIES

Neighborhood Revitalization and Attainable Housing; Economic Development

CITY CONTACT: Mario Canizares, City Manager
canizaresm@nactx.us
936-559-2501

ATTACHMENTS: 1. 2021 MissionNAC Request Letter

Dear Mario,

It was so good to talk with you the other day. I believe that by working together so much more can be done for our wonderful city and the people within. The heart of MissionNAC is for the people of God to honor Him in how we take care of others, and to make Nacogdoches what the Bible calls a “city of a hill”. Or, in secular terms, an amazing place to live for all.

As per your request, I wanted to tell you that in the past 11 months, MissionNAC has spent \$7,430.20 in dumpster and dump fees. ALL of that cost was directly due to the poor and lower income that we have been serving. I am asking that any future fees be waved, OR as we mentioned, a grant given from the city to cover those costs. MissionNAC’s goal is to serve the poor and lower income and in doing so, we are also beatifying their homes, our neighborhoods, and the city as a whole. \$7,430 would enable us to serve at least 3 more families!

MissionNAC has grown so much in the past 10 years – we hope for this year to be no exception.

MissionNAC dates: June 16-19

You also asked me to remind you to encourage the police department, fire department, and city officials to serve. Please encourage the police department/firemen that the times are flexible. If each individual officer signed up for half a day, they would all work on the same one or two houses, depending on how officers we have. The website allows signups for people to work 4 hours to all four days. Everyone has to sign up at MissionNAC.com.

Also, I do think a possible grant type situation to serve those in the poorer areas who don’t/can’t meet city standards may work with MissionNAC. If you would like, let’s have another discussion about that later in the summer.

Thank you so much,

Tiki

Tiki Perkins
MissionNAC Director
936-556-0294
Tiki@missionnac.com

PRESENTER: Steve Bartlett, Public Works Director

ITEM/SUBJECT: Consider approval of a contract by and between the City of Nacogdoches and L.S. Equipment Co., Inc. for the 2021 Seal Coat Project in a not-to-exceed amount of \$688,751.50. (Director of Public Works)

SUMMARY/BACKGROUND: On June 3, 2021, the City received bids for the 2021 Seal Coat Project. Four (4) contractors submitted base bids as follows:

L.S. Equipment Co., Inc.	\$ 675,251.50
Drewery & Wheaton, LLC	\$ 687,687.00
Pinto Construction Co., Inc.	\$ 688,359.50
A.L. Helmcamp, Inc.	\$ 974,092.00

L.S. Equipment Co., Inc. was found to be lowest responsible bidder. L.S. Equipment is a qualified and experienced street paving contractor that has worked on several street paving projects for the City in the past.

This project will include street patching and level-up, as well as a single-course surface treatment (seal coat) on thirty-four (34) residential streets throughout the City, which include the thirty-two (32) streets of the 2021 Street Crack Seal Project. These two projects comprise the first two of three paving objectives for 2021 as outlined in the Annual Street Maintenance Report.

There were two (2) additive alternate bids for this project which included curb replacement and a concrete valley gutter in the amounts of \$8,500.00 and \$5,000.00, respectively. These are also recommended for award.

It is recommended the low bid plus both additive alternate bids for this project be awarded to L.S. Equipment Co., Inc. in the amount of \$688,751.50.

FINANCIAL:

Item is budgeted:

Account No.: 27.90 680.30

Account Name: *Street Maintenance Fee*

Amount: \$759,496.60

COUNCIL PRIORITIES: THIS AGENDA ITEM IS CONSISTENT WITH THE FOLLOWING CITY COUNCIL PRIORITIES

Infrastructure

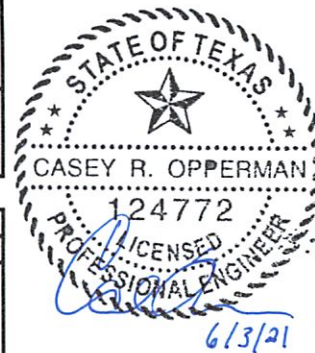
CITY CONTACT: Case Opperman, Assistant Director of Public Works
oppermanc@nactx.us

(936) 559-2515

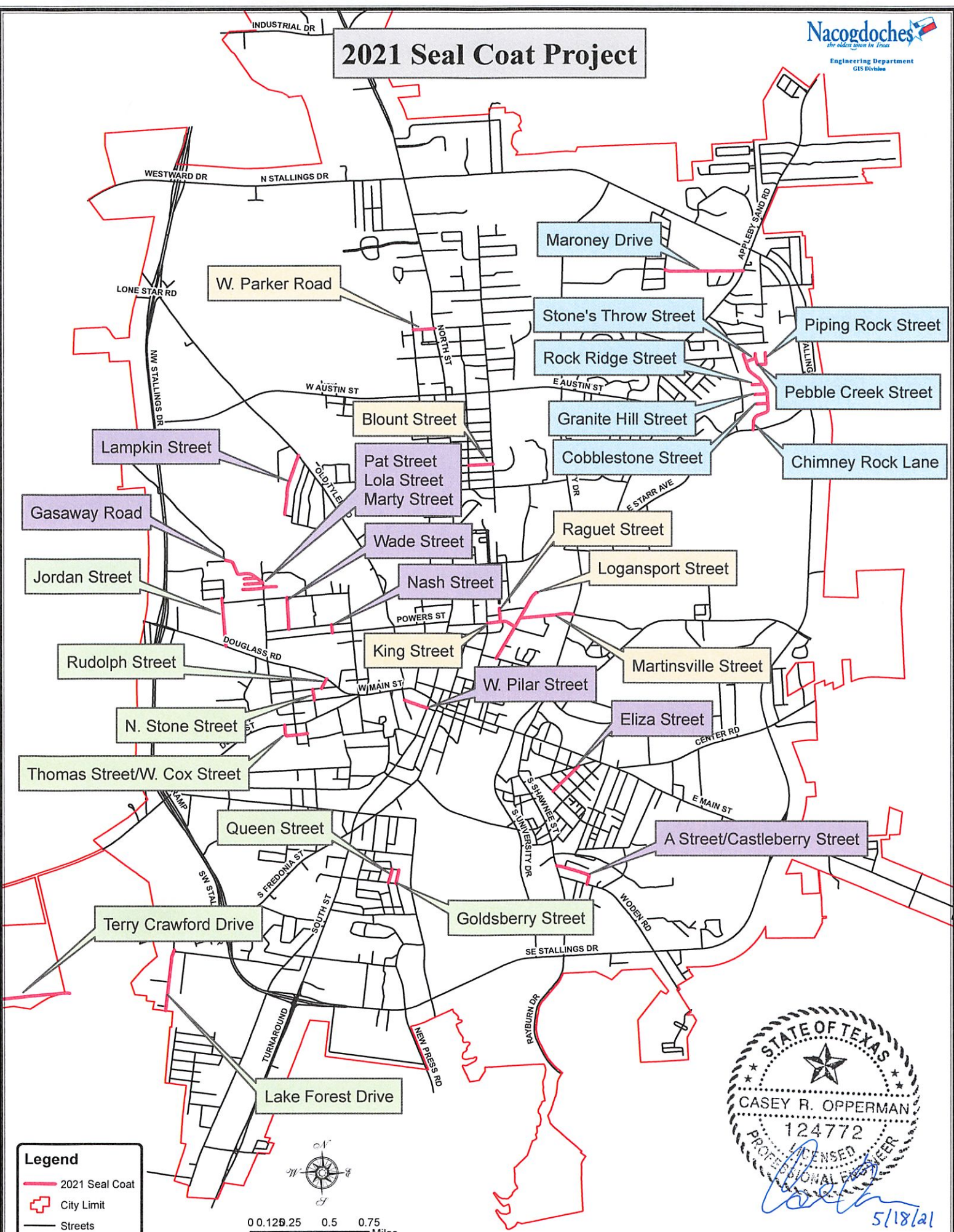
- ATTACHMENTS:**
1. 2021 Seal Coat Bid Tab
 2. 2021 Seal Coat Map
 3. 2021 Seal Coat Bid Presentation

				L.S. Equipment Co., Inc.		Drewery & Wheaton, LLC		Pinto Construction		A.L. Helmcamp	
Item	Quan	Unit	Description	Unit Price	TOTAL	Unit Price	TOTAL	Unit Price	TOTAL	Unit Price	TOTAL
1.	30,870	GAL	AC-15P Asphalt Cement for single-course surface treatment, including all materials & labor; complete, in place	\$3.45	\$106,501.50	\$2.90	\$89,523.00	\$2.65	\$81,805.50	\$4.60	\$142,002.00
2.	95,000	SY	Type PB, Grade 5, pre-coated aggregate for single-course surface treatment, including herbicide treatment, vegetation removal, all materials & labor; complete, in place	\$1.39	\$132,050.00	\$2.15	\$204,250.00	\$1.90	\$180,500.00	\$2.70	\$256,500.00
3.	2,090	tons	Type D Hot Mix Asphalt Concrete level-up for existing pavement, all depths, including tack coat of SS-1 @ 0.10 gal/SY, all materials & labor; complete, in place	\$160.00	\$334,400.00	\$150.00	\$313,500.00	\$170.00	\$355,300.00	\$220.00	\$459,800.00
4.	750	SY	Asphalt street patching (2" surface), including all sawcuts, excavation, subgrade preparation, Type D Hot Mix Asphaltic Concrete, haul and disposal, all materials & labor; complete, in place	\$50.00	\$37,500.00	\$33.00	\$24,750.00	\$35.00	\$26,250.00	\$52.00	\$39,000.00
5.	598	SY	Asphalt street patching (6" full depth), including all sawcuts, excavation, subgrade preparation, Type D Hot Mix Asphaltic Concrete, haul and disposal, all materials & labor; complete, in place	\$100.00	\$59,800.00	\$68.00	\$40,664.00	\$68.00	\$40,664.00	\$105.00	\$62,790.00
6.	20	CY	Undercut of unsuitable material, by excavation, and replace with crushed concrete or approved crushed stone, compacted, all materials & labor; complete, in place	\$250.00	\$5,000.00	\$750.00	\$15,000.00	\$192.00	\$3,840.00	\$700.00	\$14,000.00
TOTALS				\$675,251.50		\$687,687.00		\$688,359.50		\$974,092.00	

				L.S. Equipment Co., Inc.		Drewery & Wheaton, LLC		Pinto Construction		A.L. Helmcamp	
Item	Quan	Unit	Description	Unit Price	TOTAL	Unit Price	TOTAL	Unit Price	TOTAL	Unit Price	TOTAL
Additive Alternate Bid 1											
7.	170	LF	Sawcut, remove and replace existing concrete curb and gutter, all widths, including haul and disposal to locations as directed by City, sodding of all disturbed areas, all materials & labor; complete, in place	\$50.00	\$8,500.00	\$55.00	\$9,350.00	\$64.00	\$10,880.00	\$180.00	\$30,600.00
Alternate Bid 1 Total				\$8,500.00		\$9,350.00		\$10,880.00		\$30,600.00	
Additive Alternate Bid 2											
8.	1	EA	Concrete Valley Gutter, in accordance with plans and details, including all sawcuts, preparation, concrete, materials and labor; complete, in place	\$5,000.00	\$5,000.00	\$9,300.00	\$9,300.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00
Alternate Bid 2 Total				\$5,000.00		\$9,300.00		\$10,000.00		\$15,000.00	



2021 Seal Coat Project



Legend

- 2021 Seal Coat
- City Limit
- Streets

STATE OF TEXAS
CASEY R. OPPERMAN
124772
PROFESSIONAL ENGINEER
5/18/21

2021 Seal Coat Project

- Single-Course Surface Treatment on Thirty-four (34) Streets
- Follows Crack Sealing of Streets



Photo: asphaltpavingsystems.com

Base Bid Amount:

<i>L.S. Equipment</i>	\$ 675,251.50
Drewery & Wheaton	\$ 687,687.00
Pinto Construction	\$ 688,359.50
A.L. Helmcamp	\$ 974,092.00

Add. Alt. Bid 1: \$ 8,500.00

Add. Alt. Bid 2: \$ 5,000.00

Total Award: \$ 688,751.50

PRESENTER: Steve Bartlett, Public Works Director

ITEM/SUBJECT: Receive a report and hold a discussion and give staff direction on the Central Heights area water system. (Public Works Director)

SUMMARY/BACKGROUND: The Central Heights water system is generally defined by an area along US 259, from US 59 North to the Caro community. The system is outside the city limits and partially extends beyond our 2 mile Extra Territorial Jurisdiction boundary. This system was originally a Water Supply Corporation with approximately 500 meters that was acquired by the City in 2000 as it was approaching financial failure. Since its creation, the City has been the water source supplier.

Major capital improvements to the system were made in 2007 & 2008 costing \$2.4 million. Additional improvements costing \$1.38 million were made up to 2019. The system remains in need of several million dollars of line and tank upgrades to become compliant with regulations and adequately supply potable water to this area. Preliminary estimates for needed improvements exceed \$5.5 million.

New connections to the system outside the City are typically very limited or impossible without water line or equipment upgrades funded by the requestor. Overloaded water distribution lines exist in other County areas served by the City as well as Central Heights. Policies controlling how both water and sewer connections are apportioned for development outside the City limits needs to be revisited with a focus on the cost to serve and the impact to rate payers from developments that will not become part of the City's tax base.

FINANCIAL:

No financial impact associated with this item

COUNCIL PRIORITIES: THIS AGENDA ITEM IS CONSISTENT WITH THE FOLLOWING CITY COUNCIL PRIORITIES

Infrastructure

CITY CONTACT: Steve Bartlett, Director of Public Works/City Engineer
bartletts@nactx.us
936-559-2522

ATTACHMENTS:

1. NC151 Central Heights Water System Evaluation DRAFT 2021-04-29
2. Central Heights Report (1)

April 29, 2021

Steve Bartlett, P.E.
City Engineer
City of Nacogdoches
P.O. Box 635030
Nacogdoches, TX 75963-5030

**Re: Central Heights Water System Evaluation
Engineering Letter Report**

Dear Mr. Bartlett:

The purpose of this letter report is to document the results of a study performed on the Central Heights portion of the City of Nacogdoches water system. This study identifies the Central Heights water system distribution lines, facilities, and water meters, analyzes water pressures at different locations throughout this portion of the system before and after theoretical system improvements, and provides recommendations for water system improvements including opinions of probable project cost (OPPCs) and exhibits portraying the recommended improvements.

I. STUDY AUTHORIZATION

This study was authorized in an agreement between KSA Engineers, Inc. and the City of Nacogdoches which was accepted by Assistant City Engineer, Case Opperman, P.E., on January 21, 2021.

II. SCOPE OF WORK

- A. Tabulation of the current number of connections located on each waterline within the Central Height area.
- B. Hydraulic model run results that identify water system pressures experienced in the Central Heights area.
- C. Recommendations for water system improvements based on the results of the evaluation.
- D. Opinions of Probable Project Cost for the recommended water system improvements.
- E. Exhibits showing the locations of the recommended water system improvements.
- F. Preparation of a brief letter report summarizing and documenting the results of the water system evaluation.
- G. This study excludes the following services:
 - TCEQ minimum capacity evaluation of pump stations, pressure tanks, ground storage tanks, and elevated storage tanks.
 - Population and water demand projections
 - Development impact analysis

III. BACKGROUND INFORMATION

For the purpose of this study, the Central Heights portion of the City's water system was identified to be all portions of the water system located north of the intersection of US Highway 259 and US Highway 59. Based on available water system maps and meter data, this portion of the system is composed of waterlines ranging in diameter from 1"-12" that currently distribute water to 497 connections.

The Central Heights water system includes two sites that contain water system facilities that assist in water distribution in this portion of the system. The locations of these facilities are shown in Figure 1 and Exhibit 1.

CENTRAL HEIGHTS ELEVATED STORAGE TANK SITE

The Central Heights elevated storage tank site is located southwest of the intersection of US Highway 259 and Travis Baker Rd (CR 810) along Old Highway 26. The 250,000 gallon elevated storage tank is a single, pedestal style tank and contains a duplex booster pump station on the tank inlet/outlet line that boosts pressures to the northern portion of the Central Heights water system.

CENTRAL HEIGHTS NORTH PUMP STATION SITE

The Central Heights north pump station site is located northeast of the intersection of US Highway 259 and CR 104. The site contains a 50,000 gallon ground storage tank, two service pumps, and an 8,000 gallon pressure tank.

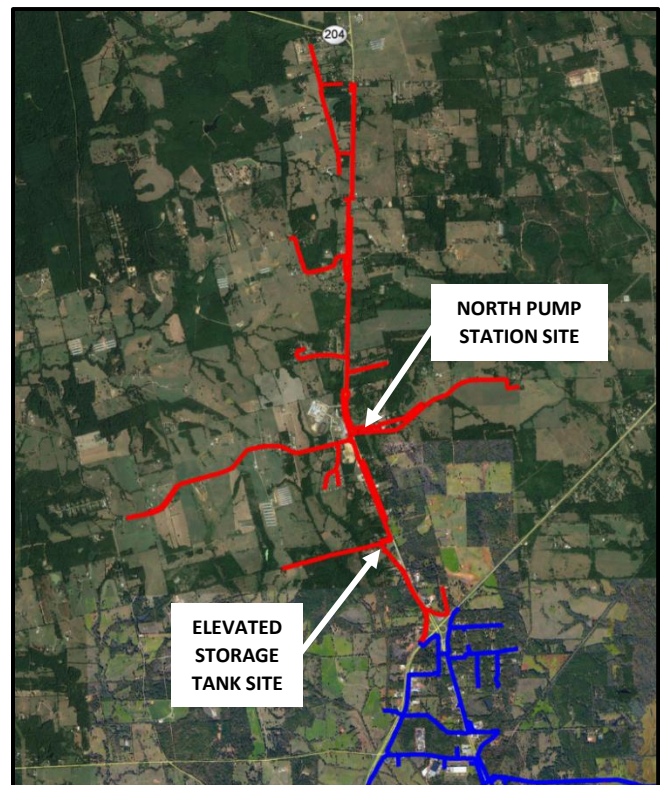


Figure 1: Central Heights Water System and Facilities

IV. WATER SYSTEM CONNECTIONS

TCEQ regulates the number of connections on water distribution lines by providing a maximum number of connections for various water distribution line sizes. Table 1 displays the current regulations for connection counts as it relates to diameter of the water distribution line (30 TAC 290.44.C). TCEQ also regulates minimum waterline sizes by stating that "no new waterline less than two inches in diameter will be allowed to be installed in a public water distribution system. These minimum line sizes do not apply to individual customer service lines" indicating that water distribution lines serving more than one customer should be at least 2-

Table 1: TCEQ Minimum Line Sizes for Number of Connections

Minimum Line Size (in)	Maximum Number of Connections
2	10
2.5	25
3	50
4	100
5	150
6	250
8 and Larger	> 250

inches in diameter (30 TAC 290.44.C). Available water meter data was mapped on the Central Heights water system to tabulate the current number of connections on each of the system's water distribution lines. Table 2 displays the current number connections on each of the system's water distribution lines (pipe diameters less than 6-inches) and how the connection counts relate to the TCEQ requirements. The number of connections shown in the table are not only a reflection of actual direct connections on the line, but also include connections that are solely fed by water through that distribution line.

Table 2: Central Heights Water System Distribution Line and Connection Tabulation

Water Distribution Line	Current Pipe Diameter	# of Connections	Connection Capacity	Replacement Pipe Diameter
US Highway 259 (Pump Station to Echo Ln)	4"	117	117%	6"
US Highway 259 (West side across N Village Ln)	1.5"	8	800%	4"
CR 102	2"	9	90%	-
FM 698	4"	86	86%	*6"
FM 698	1.5"	5	500%	4"
Geldmeier Rd (CR 104)	2"	37	370%	4"
US Highway 259 (Pump Station to Grammar Ln)	4"	13	13%	-
US Highway 259 (Pump Station to Old Henderson Hwy)	4"	151	151%	6"
US Highway 259 (East side across Steve Lilly Rd)	1.5"	8	800%	6"
Old Henderson Hwy (CR 915) (South side)	1.5"	3	300%	2"
US Highway 259 (Old Henderson Hwy to Coats Rd)	2"	12	120%	4"
US Highway 259 (West side across Coats Rd)	1"	2	200%	4"

*The existing 4" waterline along FM 698 appears to have sufficient capacity; however, it is recommended for replacement with a larger pipe diameter due to number of connections at the "698 RV Park". Refer to Section VI of this report for additional details.

As shown in Table 2, water distribution lines along portions of US Highway 259, FM 698, Geldmeier Road (CR 104), and Old Henderson Highway (CR 915) do not contain sufficient capacity to service the number of connections on the respective distribution lines. These undersized water distribution lines should be considered for replacement with larger diameter waterlines to meet TCEQ regulations relating to maximum number of connections on various water distribution line sizes. Recommendations to increase capacity of these water distribution lines are detailed in *Section VI* of this report. Because a majority of the water distribution lines in this portion of the City's water system are small diameter lines, the number of connections on each of the respective water distribution lines should be carefully considered when determining the feasibility of expanding the system and/or providing water service to additional connections.

V. WATER SYSTEM MODELING

The Central Heights portion of the City's water system has been modeled using the WaterCAD computer software to portray water system pressures and behaviors during different demand scenarios. The scenarios included in the model runs performed during this study include:

- Average Daily Demand
- Maximum Daily Demand
- Peak Hour Demand
- TCEQ Required 1.5 GPM per Connection

The demands associated with each of the four scenarios were calculated utilizing historical water usage information obtained from the City's annual TWDB Water Audit Reports. All model runs were performed with the Central Heights elevated storage tank 1-ft below overflow, Central Heights North Pump Station pressure tank set to a 70-77 PSI pressure range, one booster pump in operation at the Central Heights elevated storage tank site, and one service pump in operation at the Central Heights North Pump Station.

AVERAGE DAILY DEMAND

The average daily demand for the City's water system was calculated to be 0.24 gallons per connection. This demand was assigned to each of the water meters to perform an analysis that corresponds to the system's behavior under an "average daily demand scenario". System pressures in the Central Heights portion of the City's water system ranged from 36 PSI – 129 PSI during an average daily demand model run. The lowest pressures were identified to be on the 6" and 12" waterlines along US Highway 259 between US Highway 59 and the Central Heights elevated storage tank. Similarly low pressures were also identified on the 6" waterline along US Highway 259 across from CR 102. The highest pressures were identified to be on the 2" waterline on the eastern end of Geldmeier Road (CR 104).

MAXIMUM DAILY DEMAND

The maximum daily demand for the City's water system was calculated to be 0.56 gallons per connection. This demand was assigned to each of the water meters to perform an analysis that corresponds to the system's behavior under a "maximum daily demand scenario". System pressures in the Central Heights portion of the City's water system ranged from 34 PSI – 117 PSI during a maximum daily demand. Again, the lowest pressures were identified to be on the 6" and 12" waterlines along US Highway 259 between US Highway 59 and the Central Heights elevated storage tank. Similarly low pressures were also identified on the 6" waterline along US Highway 259 across from CR 102 and the 6" waterline on the western end of CR 822. The highest pressures were identified to be on the 2" waterline on the eastern end of Geldmeier Road (CR 104).

PEAK HOUR DEMAND

The peak hour demand for the City's water system was calculated to be 1.04 gallons per connection. This demand was assigned to each of the water meters to perform an analysis that corresponds to the system's behavior under a "peak hour demand scenario". System pressures in the Central Heights portion of the City's water system ranged from 1 PSI - 90 PSI during a peak hour demand. The lowest pressures were identified to be on the 1"-2" waterlines along US Highway 259 at the intersection with Coats Road (CR 122). Similarly low pressures were also identified on the 4" waterline along US Highway 259 near CR 816 and the 6" waterline on

the western end of CR 822. The highest pressures were identified to be on the 2" waterline on the eastern end of Geldmeier Road (CR 104).

TCEQ REQUIRED 1.5 GPM PER CONNECTION

TCEQ requires water systems to *"be designed to maintain a minimum pressure of 35 PSI at all points within the distribution network at flow rates of at least 1.5 gallons per minute per connection"* (30 TAC 290.44.D). This demand was assigned to each of the water meters to perform an analysis that corresponds to the system's behavior under the TCEQ-required design scenario. System pressures in the Central Heights portion of the City's water system ranged from 0 PSI – 73 PSI during a 1.5 GPM per connection demand. This model run resulted in no water pressure in multiple areas across the system; however, a vast majority of the connections revealing no water pressures were north of the Central Heights north pump station. The highest pressures were identified to be on waterlines along CR 104 and within close proximity to the Central Heights north pump station.

VI. RECOMMENDATIONS

It is recommended that the City considers distribution improvements to the Central Heights water system to increase water volume and pressure in areas currently containing small diameter waterlines. Increasing the capacity of these small diameter waterlines will provide the system with enhanced water distribution that will exceed TCEQ minimum requirements relating to water distribution line sizes and connection counts. Additional water volume in larger diameter waterlines will provide remote portions of the system with better pressure and water supply while establishing a larger service capacity for future growth and/or developments. The recommendations made in this letter report are based on the knowledge and information that was made available during the preparation of this report. Future plans of development and/or extensions should be taken into consideration prior to increasing the capacity of any distribution lines.

US HIGHWAY 259 WATER DISTRIBUTION IMPROVEMENTS

Water distribution throughout the Central Heights portion of the City's water system is provided by 4" water distribution lines along US Highway 259 that feed water from the Central Heights pump station site to various locations of the system. Because a majority of the water distribution lines along county roads are fed water through the 4" distribution lines off US Highway 259, portions of the 4" distribution mains are considered insufficient due to the number of connections that they are servicing. It is recommended that the existing 4" waterline that crosses US Highway 259 from the pump station is replaced with a 6" waterline from FM 698 to the Central Heights pump station. It is also recommended that the existing 4" waterline that parallels US Highway 259 is replaced with an 8" waterline from the Central Heights pump station to Friends Hill Rd (CR 822). Similarly, it is recommended that the existing 4" that continues north along US Highway 259 is replaced with a 6" waterline from Friends Hill Rd (CR 822) to Old Henderson Highway (CR 915). The increase in capacity for these distribution mains would bring the system into TCEQ compliance in regards to connection limits and provide a sustainable means of distribution to this portion of the system for future development and/or increased usage demands.

Based on available customer meter information provided by the City, there are approximately 8 connections along the west side of US Highway 259 north of Village Lane that are serviced by a 1.5" waterline which

exceeds the maximum number of connections for distributions lines of this diameter. It is recommended that these water meters are reconnected to the existing 4" waterline on the east side of US Highway 259. Another alternative to bring this area of the system into compliance would be to replace the existing 1.5" waterline with a 3"-4" waterline to service meters located along the west side of US Highway 259 in this area of the system.

Based on available customer meter information provided by the City, there are approximately 12 connections along US Highway 259 from Old Henderson Highway (CR 915) to Coats Rd (CR 122) that are serviced by 1"-2" waterlines which exceeds the maximum number of connections for distributions lines of these diameters. A 4" waterline is recommended due to location of the line and the possibility of future growth and expansion. It is also recommended that the City considers the desirable northern limits of this portion of the system and any future plans to expand north along US Highway 259 or east along Coats Rd (CR 122) before determining the increased capacity of this line. The proposed US Highway 259 water distribution improvements are shown in Exhibit 2.

FM 698 WATER DISTRIBUTION IMPROVEMENTS

Based on available customer meter information provided by the City, there are approximately 86 connections serviced by the 4" waterline along FM 698 (including the subdivision off Blue Lake Road – CR 826). Although this connection count does not exceed the maximum number of connections for a 4" waterline, the waterline does service the "698 RV Park" which contains RV spots for residents and/or visitors to connect and be serviced water. TCEQ defines a connection as *"a single family residential unit or each commercial or industrial establishment to which drinking water is supplied from the system. As an example, the number of service connections in an apartment complete would be equal to the number of individual apartment units"* (30 TAC 290.38(16)). There appears to be more than 14 RV spots at the RV park which would push the connection count over the threshold for maximum number of connections on a 4" water distribution line. It is recommended that the 4" waterline is replaced with a 6" waterline from US Highway 259 to, at a minimum, the "698 RV Park". The condition of the remainder of the 4" waterline west of the "698 RV Park" and any plans of future development and/or extension would be factors to consider when determining if increasing the capacity of the remainder of the 4" waterline is necessary.

The 1.5" waterline on the south side of FM 698 from Don Corley Rd (CR 813) to CR 1638 has 5 connections on it which exceeds the maximum number of connections for waterlines less than 2" in diameter. It is recommended that water services are installed under FM 698 to reconnect meters on the south side of the road to the existing 4" waterline located on the north side of the road. The proposed FM 698 water distribution improvements are shown in Exhibit 3.

GELDMEIER ROAD (CR 104) WATER DISTRIBUTION IMPROVEMENTS

Based on available customer meter information provided by the City, there are approximately 37 connections serviced by the 2" waterline along Geldmeier Road (CR 104) which exceeds the maximum number of connections for a distribution line this diameter. It is recommended that the 2" waterline is replaced with a 4" waterline from US Highway 259 to approximately 1,500 feet west of the Banita Creek crossing where the existing line redirects out of County right of way. The proposed Geldmeier Road (CR 104) water distribution improvements are shown in Exhibit 4.

OLD HENDERSON HIGHWAY (CR 915) WATER DISTRIBUTION IMPROVEMENTS

Based on available customer meter information provided by the City, there are approximately 53 connections being serviced by a 6" waterline along Old Henderson Highway (CR 915). Although this 6" waterline is fully capable of servicing the current number of connections, it is being fed water by a 4" waterline that connects the Old Henderson Highway waterline to the US Highway 259 waterline. It is recommended that this 4" waterline is replaced with a 6" waterline to increase water volume to connections along Old Henderson Highway while bringing the distribution line into compliance with TCEQ's rules for maximum number of connections on water distribution lines.

There also appears to be 3 connections serviced by a 1.5" waterline along Old Henderson Highway (CR 915) which exceeds the maximum number of connections for a distribution line this diameter. It is recommended that this 1.5" waterline is replaced with a 2" waterline. The proposed Old Henderson Highway (CR 915) water distribution improvements are shown in Exhibit 5.

WATER MODEL RESULTS

The computer water model was revised to include each of the recommended improvements to evaluate the impacts that the improvements would have on the Central Heights portion of the system. Theoretical model runs were performed for each of the recommended improvements, exclusive of the other improvements, as well as for all of the improvements in operation together. Table 3 provides a summary of the model runs of the water system pressures before and after the improvements under average daily demand, maximum daily demand, TCEQ required 1.5 GPM per connection, and peak hour demand scenarios.

Table 3: Summary of Model Results Considering Recommended Improvements

Recommended Water Distribution Improvements	Water System Pressures (PSI) ¹							
	Average Day Demand		Maximum Day Demand		Peak Hour Demand		TCEQ 1.5 GPM/Connection	
	EXST	PROP	EXST	PROP	EXST	PROP	EXST	PROP
US Highway 259 Improvements	36-129	36-131	34-117	36-120	1-90	34-103	0-73	27-102
FM 698 Improvements	60-79	60-79	56-75	57-75	47-66	50-68	37-57	42-60
Geldmeier Rd Improvements	70-129	71-132	64-117	69-130	45-86	66-126	18-67	62-121
Old Henderson Hwy Improvements	95-104	95-104	74-83	74-84	18-26	18-27	0-0	0-0
All Water Distribution Improvements	36-129	36-133	34-117	36-133	1-90	34-131	0-73	33-130

1. Water system pressures for "US Highway 259 Water Distribution Improvements" and "All Water Distribution Improvements" consider the entire Central Heights portion of the City's water system. Water System pressures for "FM 698 Water Distribution Improvements", "Geldmeier Road Water Distribution Improvements", and "Old Henderson Highway Water Distribution Improvements" only consider pressures along each of the considered roads.

As displayed in Table 3, the proposed water distribution improvements would increase pressures throughout the Central Heights portion of the City's water system. If the City's entire water system were to experience a demand greater than the peak hour demand (1.04 GPM/connection), model runs reveal that the current Central Heights system would contain connections in which water service would be depleted. Upon completion of all of the recommended improvements, it is estimated that water pressures in the Central Heights water system will range from 33 PSI – 130 PSI under the "TCEQ 1.5 GPM/Connection" demand scenario. The only area that was identified to be below the 35 PSI minimum requirement under this scenario is located along the west side of US Highway 259 across from CR 102. The remainder of pressures throughout

the Central Heights water system are estimated to range from 36 PSI – 131 PSI under this demand scenario (1.5 GPM/connection).

VII. OPINIONS OF PROBABLE PROJECT COSTS

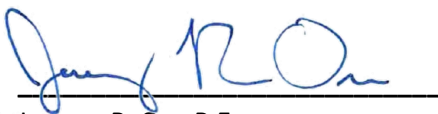
An opinion of probable project cost (OPPC) has been developed for each of the recommended improvements associated with increasing water distribution line capacities in the Central Heights portion of the water system. These project cost estimates have been developed based on quantities from schematic design and preliminary alignments. The OPPC includes an allowance for construction contingencies due to uncertainties relating to creek crossings, sanitary sewer crossings, and unforeseen construction costs that may be discovered during detailed design phases. Construction prices used in these OPPCs were developed utilizing recent unit bid prices from projects with similar scopes of work. The unit prices shown for each item are in 2021 construction dollars and should be properly adjusted with a construction cost inflation rate for each year after 2021 until the year that the improvements are constructed. Table 4 provides a summary of the estimated construction costs that are further detailed in the attached OPPCs.

Table 4: Central Heights Water System Improvements Project Cost Summary

Recommended Water System Improvements	Opinion of Probable Project Cost
US Highway 259 Water Distribution Improvements	\$1,517,000.00
FM 698 Water Distribution Improvements	\$694,000.00
Geldmeier Road Water Distribution Improvements	\$551,000.00
Old Henderson Highway Water Distribution Improvements	\$158,000.00
Total	\$2,920,000.00

Thank you for selecting KSA Engineers for this project. If you have any questions, or need additional information, please contact me at your convenience.

KSA Engineers, Inc.



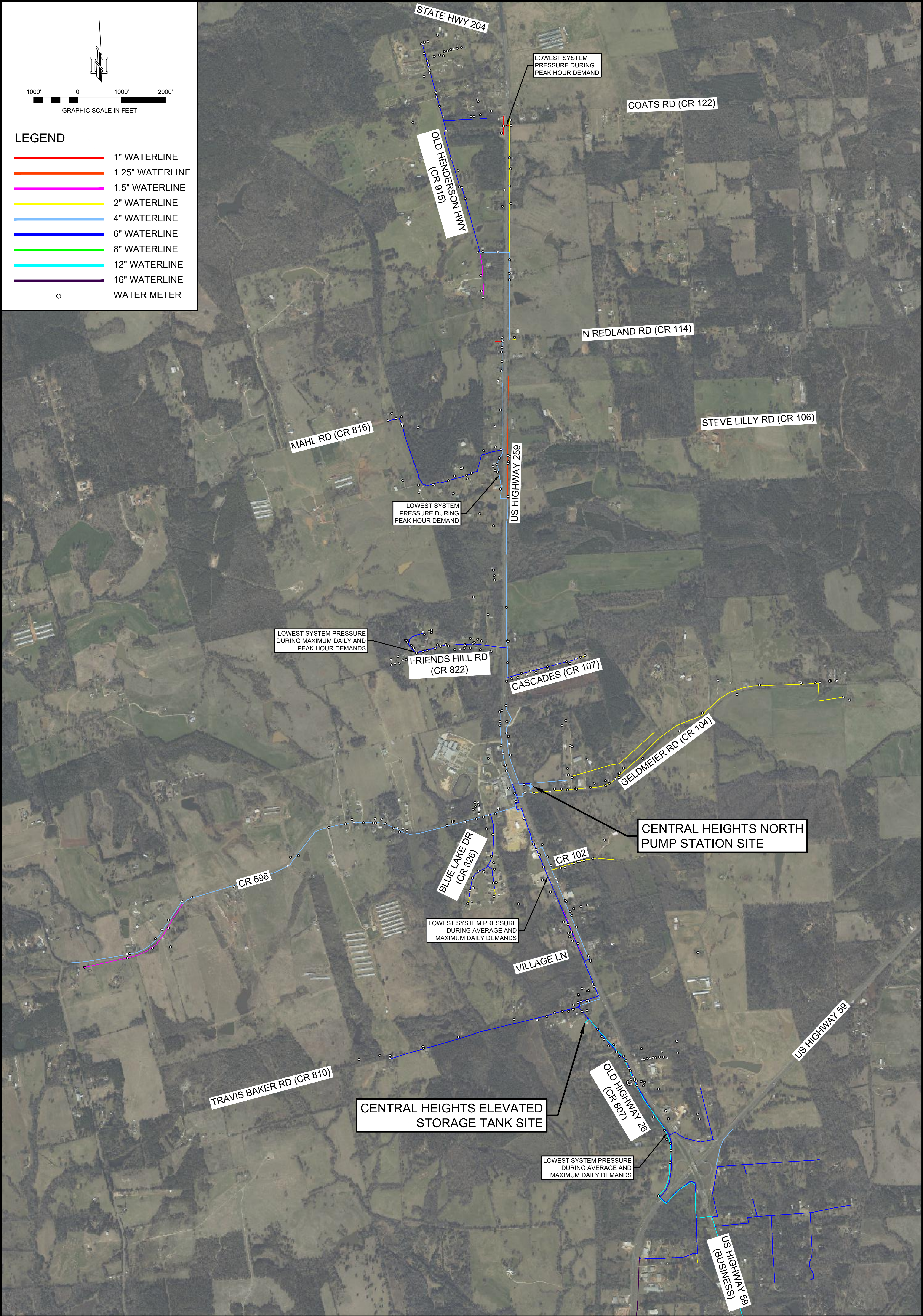
Jeremy R. Orr, P.E.
Project Manager

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JRO/BWB

TBPE Firm Registration No. F-1356

Attachments: Exhibits 1-5
Opinions of Probable Project Cost



1

SEAL:
TYPE: Firm Registration No. F-1356
SHEET NO.

KSA

6781 Oak Hill Blvd.,
Tyler, Texas 75703
T. 903-581-8141 F. 888-224-9418
www.ksaeng.com

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DESIGNED BY:
JRO
LATEST REVISION:
2/26/2021
KSA JOB NO.:
NC-151

CITY OF NACOGDOCHES
CENTRAL HEIGHTS
WATER SYSTEM
EVALUATION

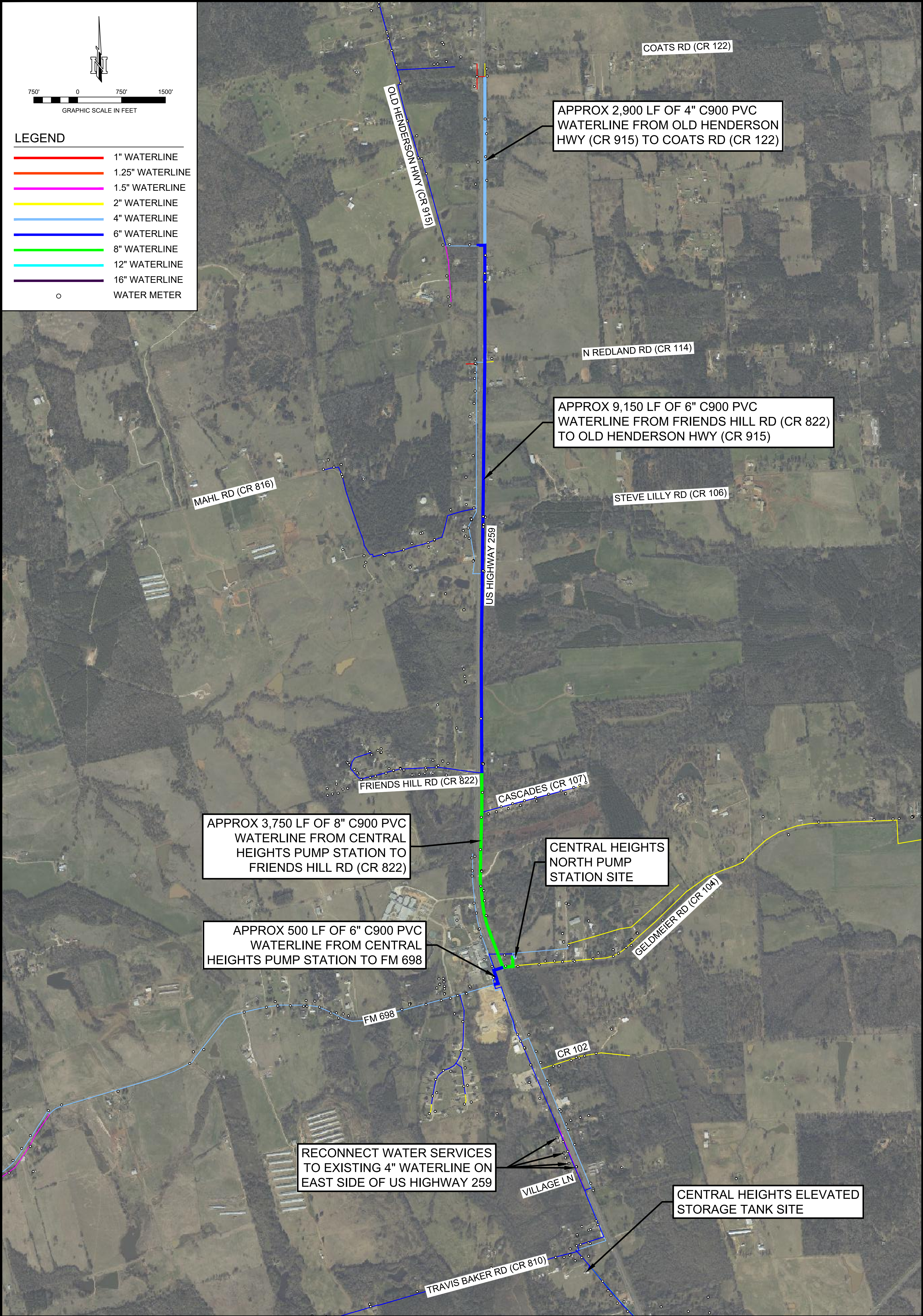
PROJECT NAME:

EXISTING WATER
SYSTEM MAP

SHEET NAME:

MARK	REVISION	DATE
KSA-TLY-SERVER3\PROJECTS\PROJECTS\NC151\008 CAD\10 EXHIBITS\02 CIVIL\ NC151 - C - EXH - WATER SYSTEM - 0001.DWG 22X34 2/26/2021 - 1:08 PM DRAWING PATHNAME LAYOUT PLOT DATE - TIME		

PROJECT TITLE: CENTRAL HEIGHTS WATER SYSTEM EVALUATION - CITY OF NACOGDOCHES, TEXAS
Page 66 of 82



2

SEAL: TYPIC Firm Registration No. F-1366
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KSA

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BWB

DESIGNED BY:
JRO

LATEST REVISION:
2/25/2021

KSA JOB NO.:
NC-151

PROJECT NAME:

CITY OF NACOGDOCHES
CENTRAL HEIGHTS
WATER SYSTEM
EVALUATION

SHEET NAME:

US HIGHWAY 259
WATER DISTRIBUTION
IMPROVEMENTS

MARK	REVISION	DATE
WKSATLY-SERVER3\PROJECTS\PROJECTS\NC151\0008 CAD\10 EXHIBITS\02 CIVIL\ NC151 - C - EXHB - US HWY 259 - 0001.DWG [22X34] 2/26/2021 - 1:11 PM		
DRAWING PATH\NAME LAYOUT PLOT DATE - TIME		

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SEAL: TYPIC Firm Registration No. F-1366
SHEET NO.

PROJECT TITLE: CENTRAL HEIGHTS WATER SYSTEM EVALUATION - CITY OF NACOGDOCHES, TEXAS
Page 67 of 82

City of Nacogdoches Central Heights Water System Evaluation US Highway 259 Water Distribution Improvements Opinion of Probable Project Cost					
Item No.	Description	Quantity	Unit	Unit Price	Total
1.01	Mobilization, Insurance, and Bonds	1	LS	\$60,000.00	\$60,000.00
1.02	Barricades, Signs, and Traffic Handling	1	LS	\$12,500.00	\$12,500.00
1.03	Stormwater Pollution Prevention	1	LS	\$6,000.00	\$6,000.00
1.04	Care of Water During Construction	1	LS	\$7,500.00	\$7,500.00
1.05	Waterline Disinfection and Testing	1	LS	\$10,000.00	\$10,000.00
1.06	12-in Steel Encasement by Dry Bore	200	LF	\$140.00	\$28,000.00
1.07	8-in C900 PVC Waterline	3,150	LF	\$25.00	\$78,750.00
1.08	8-in C900 PVC Waterline by Directional Drill	400	LF	\$60.00	\$24,000.00
1.09	8-in C900 Restrained Joint PVC Waterline by Directional Drill	200	LF	\$70.00	\$14,000.00
1.10	6-in C900 PVC Waterline	8,750	LF	\$20.00	\$175,000.00
1.11	6-in C900 PVC Waterline by Directional Drill	600	LF	\$50.00	\$30,000.00
1.12	6-in C900 Restrained Joint PVC Waterline by Directional Drill	300	LF	\$60.00	\$18,000.00
1.13	4-in C900 PVC Waterline	2,550	LF	\$17.50	\$44,625.00
1.14	4-in C900 PVC Waterline by Directional Drill	350	LF	\$45.00	\$15,750.00
1.15	8-in Gate Valve Assembly	7	EA	\$1,750.00	\$12,250.00
1.16	6-in Gate Valve Assembly	17	EA	\$1,500.00	\$25,500.00
1.17	4-in Gate Valve Assembly	4	EA	\$1,250.00	\$5,000.00
1.18	Fire Hydrant Assembly	14	LF	\$4,500.00	\$63,000.00
1.19	Plug and Block Existing Waterline	6	EA	\$1,000.00	\$6,000.00
1.20	Connect to Existing Waterline	15	LF	\$1,500.00	\$22,500.00
1.21	Water Service Connection	60	EA	\$1,000.00	\$60,000.00
1.22	Remove and Dispose of or Fill Existing Waterline with Flowable Fill	9,000	LF	\$5.00	\$45,000.00
1.23	Clearing and Grubbing	2.00	AC	\$6,500.00	\$13,000.00
1.24	Hydromulch	6.60	AC	\$5,000.00	\$33,000.00
1.25	Erosion Control Matting	1,610	SY	\$5.00	\$8,050.00
1.26	Filter Fabric Fence	2,890	LF	\$4.00	\$11,560.00
1.27	Foundation Material for Trench	321	CY	\$55.00	\$17,655.00
1.28	Trench Safety	14,450	LF	\$5.00	\$72,250.00
1.29	Excavation Safety	1	LS	\$5,000.00	\$5,000.00
1.30	Miscellaneous Allowance	1	AL	\$50,000.00	\$50,000.00
Construction Subtotal:					\$973,890.00
Construction Contingencies @ 20%:					\$195,000.00
Pre-Agreement Opinion Of Probable Construction Cost (2021 Dollars):					\$1,168,890.00
Basic Services:					\$141,200.00
Additional Services:					\$206,050.00
Pre-Agreement Opinion Of Probable Project Cost (2021 Dollars):					\$1,516,140.00

Assumptions:

Unit costs are in 2021 dollars.

Assumes fire hydrants are installed every 1000-ft on waterline 6-in and larger.

Assumes 10% of the trench will require erosion control fabric.

Assumes 20% of the trench will require filter fabric fence.

Assumes 30% of trench will require clearing and grubbing.

Basic Services include preliminary design, final design, and bidding.

Additional Services include design survey, TxDOT permit application & coordination, construction survey, construction administration, part time project representative, and reimbursable expenses.

Additional Services assume a 9 month construction contract.

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City of Nacogdoches Central Heights Water System Evaluation FM 698 Water Distribution Improvements Opinion of Probable Project Cost					
Item No.	Description	Quantity	Unit	Unit Price	Total
1.01	Mobilization, Insurance, and Bonds	1	LS	\$27,500.00	\$27,500.00
1.02	Barricades, Signs, and Traffic Handling	1	LS	\$5,000.00	\$5,000.00
1.03	Stormwater Pollution Prevention	1	LS	\$3,000.00	\$3,000.00
1.04	Care of Water During Construction	1	LS	\$2,500.00	\$2,500.00
1.05	Waterline Disinfection and Testing	1	LS	\$3,000.00	\$3,000.00
1.06	6-in C900 PVC Waterline	6,430	LF	\$20.00	\$128,600.00
1.07	6-in C900 PVC Waterline by Directional Drill	900	LF	\$50.00	\$45,000.00
1.08	6-in C900 Restrained Joint PVC Waterline by Directional Drill	320	LF	\$60.00	\$19,200.00
1.09	6-in Gate Valve Assembly	13	EA	\$1,500.00	\$19,500.00
1.10	Fire Hydrant Assembly	7	LF	\$4,500.00	\$31,500.00
1.11	Plug and Block Existing Waterline	2	EA	\$1,000.00	\$2,000.00
1.12	Connect to Existing Waterline	4	LF	\$1,500.00	\$6,000.00
1.13	Water Service Connection	50	EA	\$1,000.00	\$50,000.00
1.14	Clearing and Grubbing	0.90	AC	\$6,500.00	\$5,850.00
1.15	Hydromulch	3.00	AC	\$5,000.00	\$15,000.00
1.16	Erosion Control Matting	710	SY	\$5.00	\$3,550.00
1.17	Filter Fabric Fence	1,290	LF	\$4.00	\$5,160.00
1.18	Foundation Material for Trench	143	CY	\$55.00	\$7,865.00
1.19	Trench Safety	6,430	LF	\$5.00	\$32,150.00
1.20	Excavation Safety	1	LS	\$5,000.00	\$5,000.00
1.21	Miscellaneous Allowance	1	AL	\$20,000.00	\$20,000.00
Construction Subtotal:					\$437,375.00
Construction Contingencies @ 20%:					\$88,000.00
Pre-Agreement Opinion Of Probable Construction Cost (2021 Dollars):					\$525,375.00
Basic Services:					\$68,400.00
Additional Services:					\$99,550.00
Pre-Agreement Opinion Of Probable Project Cost (2021 Dollars):					\$693,325.00

Assumptions:

Unit costs are in 2021 dollars.

Assumes fire hydrants are installed every 1000-ft on waterline 6-in and larger.

Assumes 10% of the trench will require erosion control fabric.

Assumes 20% of the trench will require filter fabric fence.

Assumes 30% of trench will require clearing and grubbing.

Basic Services include preliminary design, final design, and bidding.

Additional Services include design survey, TxDOT permit application & coordination, construction survey, construction administration, part time project representative, and reimbursable expenses.

Additional Services assume a 4 month construction contract.

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City of Nacogdoches Central Heights Water System Evaluation Geldmeier Road (CR 104) Water Distribution Improvements Opinion of Probable Project Cost					
Item No.	Description	Quantity	Unit	Unit Price	Total
1.01	Mobilization, Insurance, and Bonds	1	LS	\$20,000.00	\$20,000.00
1.02	Barricades, Signs, and Traffic Handling	1	LS	\$4,000.00	\$4,000.00
1.03	Stormwater Pollution Prevention	1	LS	\$2,500.00	\$2,500.00
1.04	Care of Water During Construction	1	LS	\$2,000.00	\$2,000.00
1.05	Waterline Disinfection and Testing	1	LS	\$2,500.00	\$2,500.00
1.06	4-in C900 PVC Waterline	6,260	LF	\$17.50	\$109,550.00
1.07	4-in C900 PVC Waterline by Directional Drill	850	LF	\$45.00	\$38,250.00
1.08	4-in C900 Restrained Joint PVC Waterline by Directional Drill	240	LF	\$55.00	\$13,200.00
1.09	4-in Gate Valve Assembly	9	EA	\$1,250.00	\$11,250.00
1.10	Plug and Block Existing Waterline	2	EA	\$1,000.00	\$2,000.00
1.11	Connect to Existing Waterline	2	LF	\$1,500.00	\$3,000.00
1.12	Water Service Connection	35	EA	\$1,000.00	\$35,000.00
1.13	Clearing and Grubbing	0.90	AC	\$6,500.00	\$5,850.00
1.14	Hydromulch	2.90	AC	\$5,000.00	\$14,500.00
1.15	Erosion Control Matting	700	SY	\$5.00	\$3,500.00
1.16	Filter Fabric Fence	1,250	LF	\$4.00	\$5,000.00
1.17	Foundation Material for Trench	139	CY	\$55.00	\$7,645.00
1.18	Trench Safety	6,260	LF	\$5.00	\$31,300.00
1.19	Excavation Safety	1	LS	\$5,000.00	\$5,000.00
1.20	Miscellaneous Allowance	1	AL	\$15,000.00	\$15,000.00
Construction Subtotal:					\$331,045.00
Construction Contingencies @ 20%:					\$67,000.00
Pre-Agreement Opinion Of Probable Construction Cost (2021 Dollars):					\$398,045.00
Basic Services:					\$55,900.00
Additional Services:					\$97,050.00
Pre-Agreement Opinion Of Probable Project Cost (2021 Dollars):					\$550,995.00

Assumptions:

Unit costs are in 2021 dollars.

Assumes 10% of the trench will require erosion control fabric.

Assumes 20% of the trench will require filter fabric fence.

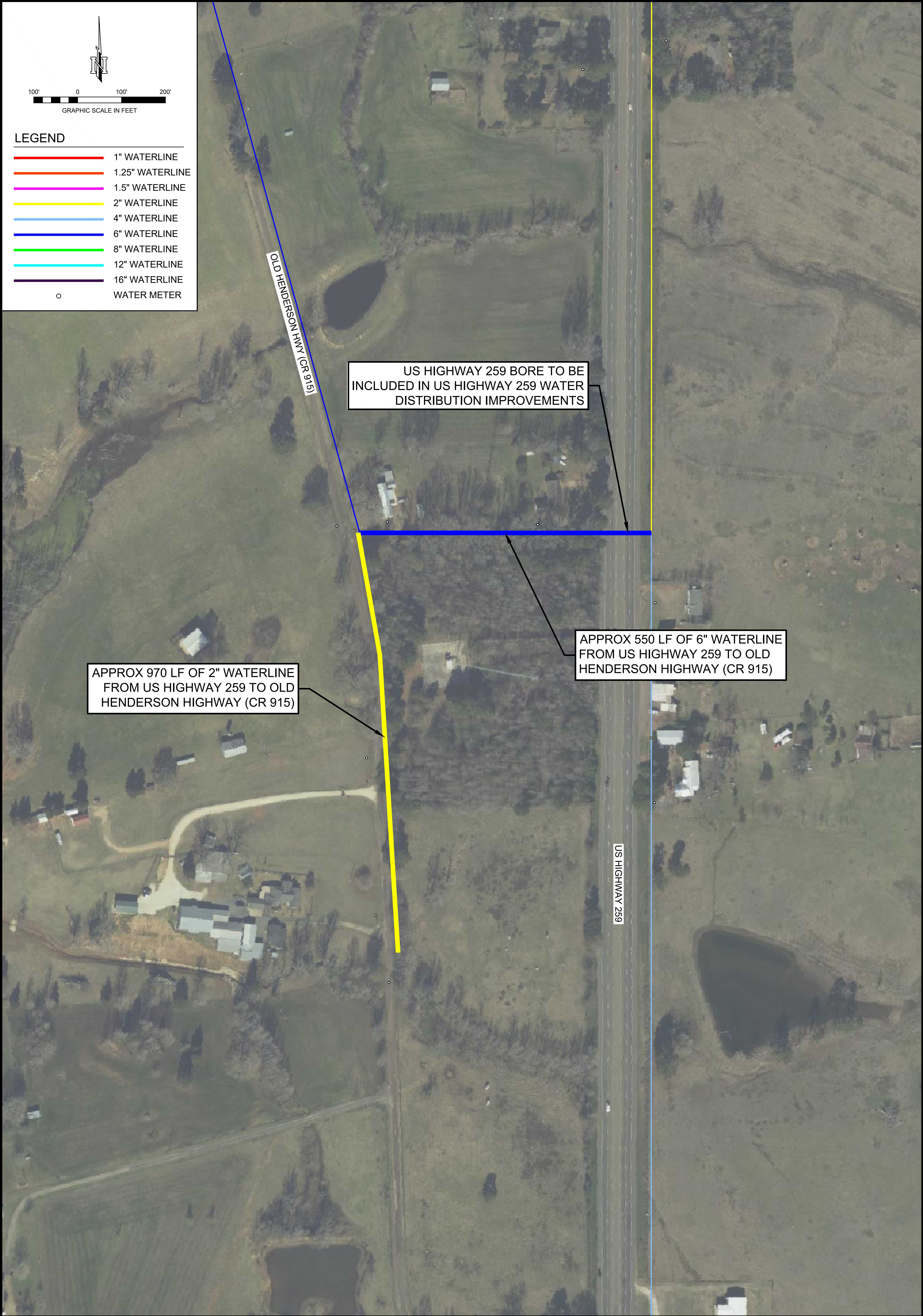
Assumes 30% of trench will require clearing and grubbing.

Basic Services include preliminary design, final design, and bidding.

Additional Services include design survey, construction survey, construction administration, part time project representative, and reimbursable expenses.

Additional Services assume a 4 month construction contract.

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SHEET NO.

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KSA

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BWB

DESIGNED BY:
JRO

LATEST REVISION:
2/25/2021

KSA JOB NO.:
NC-151

CITY OF NACOGDOCHES
CENTRAL HEIGHTS
WATER SYSTEM
EVALUATION

PROJECT NAME:

OLD HENDERSON
HIGHWAY (CR 915)
WATER DISTRIBUTION
IMPROVEMENTS

SHEET NAME:

MARK	REVISION	DATE
\\KSA-TLY-SERVER3\PROJECTS\PROJECTS\NC151\008 CAD\10 EXHIBITS\02 CIVIL\ NC151 - C - EXHB - CR 915 - 0001.DWG 22X34 2/25/2021 - 1:24 PM		
DRAWING PATH\NAME LAYOUT PLOT DATE - TIME		

City of Nacogdoches Central Heights Water System Evaluation Old Henderson Highway (CR 915) Water Distribution Improvements Opinion of Probable Project Cost					
Item No.	Description	Quantity	Unit	Unit Price	Total
1.01	Mobilization, Insurance, and Bonds	1	LS	\$5,000.00	\$5,000.00
1.02	Barricades, Signs, and Traffic Handling	1	LS	\$2,000.00	\$2,000.00
1.03	Stormwater Pollution Prevention	1	LS	\$1,500.00	\$1,500.00
1.04	Care of Water During Construction	1	LS	\$1,250.00	\$1,250.00
1.05	Waterline Disinfection and Testing	1	LS	\$1,500.00	\$1,500.00
1.06	6-in C900 PVC Waterline	550	LF	\$20.00	\$11,000.00
1.07	2-in SDR 21 PVC Waterline	920	LF	\$10.00	\$9,200.00
1.08	2-in SDR 21 PVC Waterline by Directional Drill	50	LF	\$20.00	\$1,000.00
1.09	6-in Gate Valve Assembly	2	EA	\$1,750.00	\$3,500.00
1.10	2-in Gate Valve Assembly	2	2	\$1,250.00	\$2,500.00
1.11	Plug and Block Existing Waterline	1	EA	\$1,000.00	\$1,000.00
1.12	Connect to Existing Waterline	3	LF	\$1,500.00	\$4,500.00
1.13	Water Service Connection	6	EA	\$1,000.00	\$6,000.00
1.14	Clearing and Grubbing	0.30	AC	\$6,500.00	\$1,950.00
1.15	Hydromulch	0.70	AC	\$5,000.00	\$3,500.00
1.16	Erosion Control Matting	160	SY	\$5.00	\$800.00
1.17	Filter Fabric Fence	290	LF	\$4.00	\$1,160.00
1.18	Foundation Material for Trench	33	CY	\$55.00	\$1,815.00
1.19	Trench Safety	1,470	LF	\$5.00	\$7,350.00
1.20	Excavation Safety	1	LS	\$5,000.00	\$5,000.00
1.21	Miscellaneous Allowance	1	AL	\$10,000.00	\$10,000.00
Construction Subtotal:					\$81,525.00
Construction Contingencies @ 20%:					\$17,000.00
Pre-Agreement Opinion Of Probable Construction Cost (2021 Dollars):					\$98,525.00
Basic Services:					\$20,300.00
Additional Services:					\$38,400.00
Pre-Agreement Opinion Of Probable Project Cost (2021 Dollars):					\$157,225.00

Assumptions:

Unit costs are in 2021 dollars.

Assumes 10% of the trench will require erosion control fabric.

Assumes 20% of the trench will require filter fabric fence.

Assumes 30% of trench will require clearing and grubbing.

Basic Services include preliminary design, final design, and bidding.

Additional Services include design survey, TxDOT permit application & coordination, construction survey, construction administration, part time project representative, and reimbursable expenses.

Additional Services assume a 45 day construction contract.

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Central Heights Area Water System



- Acquired by City in 2000
- City sole water source
- Outside City limits
- Portions outside ETJ
- Currently 497 connections
- \$3.8 million spent on improvements
- Frequent maintenance
- Improvements needed
- Significant non-compliance

Central Heights Area Water System

<i>Minimum Line Size (in)</i>	<i>Maximum Number of Connections</i>
2	10
2.5	25
3	50
4	100
5	150
6	250
8 and Larger	> 250

TCEQ regulates number of water connections based on line size



Central Heights Water System Capacity

<i>Water Distribution Line</i>	<i>Current Pipe Diameter</i>	<i># of Connections</i>	<i>Connection Capacity</i>	<i>Replacement Pipe Diameter</i>
US Highway 259 (Pump Station to Echo Ln)	4"	117	117%	6"
US Highway 259 (West side across N Village Ln)	1.5"	8	800%	4"
CR 102	2"	9	90%	-
FM 698	4"	86	86%	*6"
FM 698	1.5"	5	500%	4"
Geldmeier Rd (CR 104)	2"	37	370%	4"
US Highway 259 (Pump Station to Grammar Ln)	4"	13	13%	-
US Highway 259 (Pump Station to Old Henderson Hwy)	4"	151	151%	6"
US Highway 259 (East side across Steve Lilly Rd)	1.5"	8	800%	6"
Old Henderson Hwy (CR 915) (South side)	1.5"	3	300%	2"
US Highway 259 (Old Henderson Hwy to Coats Rd)	2"	12	120%	4"
US Highway 259 (West side across Coats Rd)	1"	2	200%	4"

Jeremy Orr, PE - KSA Engineers

Central Heights Area Water System

IMPROVEMENTS NEEDED FOR COMPLIANCE

➤ US 259 distribution lines	\$1,517,000
➤ FM 698 distribution lines	\$694,000
➤ Geldmeier Road distribution lines	\$551,000
➤ Old Henderson Hwy distribution lines	\$158,000
➤ New elevated storage tank	\$1,500,000
➤ Pump station repairs	\$250,000
➤ Chlorination system upgrades	\$100,000
➤ Engineering, Surveying, Esmt Acquisition	\$750,000

TOTAL COSTS \$5,520,000

Central Heights Area Water System

NEW CONNECTIONS

- Currently unable to authorize new connections to system
- New taps require developer to make significant line improvements
- Other areas outside City limits have similar problems with capacity
- Large % of residential development is outside City limits
- Outside City Limit customers pay 1.5 x rate



City Council Meeting

Date: June 15, 2021

Agenda Item: 7.D.

PRESENTER:

ITEM/SUBJECT: Consider appointing members to the Deep East Texas Council of Governments (DETCOG) Board of Directors. (Mayor)

SUMMARY/BACKGROUND: Deep East Texas Council of Governments (DETCOG) begins a new board membership on July 1, 2021. DETCOG bylaws state each member city with a population of 10,000 and up is eligible to select four (4) members to serve on the board who shall be the Mayor or City Council Members. Current DETCOG Board Members are Roy Boldon, Amelia Fischer, Jay Anderson and Garth Hinze. The members designated will serve a one year term from July 1, 2021 through June 30, 2022.

FINANCIAL:

No financial impact associated with this item

COUNCIL PRIORITIES: THIS AGENDA ITEM IS CONSISTENT WITH THE FOLLOWING CITY COUNCIL PRIORITIES

Not Applicable

CITY CONTACT: Jan Vinson, City Secretary
vinsonj@nactx.us
936-559-2506

ATTACHMENTS: 1. Board Member Designation Form



DETCOG Board Member Designation Form (For Cities and Counties)

To the DETCOG Member Addressed:

It's time for your City Council or County Commissioners Court to designate the members who will serve on the DETCOG Board of Directors. The members you designate will serve a one-year term from July 1, 2021 through June 30, 2022. There is no limit on the number of terms a person may serve. The following guidelines are from the DETCOG Bylaws.

Cities: DETCOG Board members are selected by the City Council and must be Mayors or members of the City Council.

Counties: DETCOG Board members are selected by the County Commissioners Court.

Note to Counties: This does NOT include your county's Minority Representative.

Entity: City of Nacogdoches

Number of Members: 4

Current Member(s):

1. Jay Anderson
2. Roy Boldon
3. Garth Hinze
4. Amelia Fischer

Designation of Members to serve effective July 1, 2021:

☐ *If there are no changes for the 2021-2022 year, you may check this box and not list everyone's name again.*

Member(s) for 2021-2022

Name:

Email Address:

Phone:

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

CERTIFICATION: I certify that the information provided above accurately reflects the appointment(s) made by the governing body of _____.

Signature

Title

Date



City Council Meeting

Date: June 15, 2021

Agenda Item: 8.A.

PRESENTER: Larissa Philpot, Economic Development Director

ITEM/SUBJECT: Deliberation regarding Economic Development negotiations under Government Code Section 551.087 as follows:

1. Discuss or deliberate regarding commercial or financial information the City has received from business projects the City body seeks to have locate in the City of Nacogdoches and with which the City is conducting economic development negotiations; and
2. Deliberate offer of financial or other incentive to business prospects described by Subdivision 1 above.

SUMMARY/BACKGROUND:

FINANCIAL:

No financial impact associated with this item

COUNCIL PRIORITIES: THIS AGENDA ITEM IS CONSISTENT WITH THE FOLLOWING CITY COUNCIL PRIORITIES

Economic Development

CITY CONTACT: Larissa Philpot, Economic Development Director
lphilpot@nedco.org
936-559-1255

ATTACHMENTS: