



CITY OF GRAPEVINE, TEXAS
REGULAR CITY COUNCIL MEETING AGENDA
TUESDAY, JANUARY 6, 2026

GRAPEVINE CITY HALL, COUNCIL CHAMBERS
200 SOUTH MAIN STREET
GRAPEVINE, TEXAS

6:30 p.m.	Dinner - City Council Conference Room
7:00 p.m.	Call to Order of City Council Meeting - City Council Chambers
7:00 p.m.	Executive Session - City Council Conference Room
7:30 p.m.	Regular Meeting - City Council Chambers

CALL TO ORDER: 7:00 p.m. - City Council Chambers

EXECUTIVE SESSION:

1. City Council to recess to the City Council Conference Room to conduct a closed session relative to:
 - A. Consultation with and legal advice from the City Attorney regarding pending litigation (Muns, et al. v. Grapevine – Cause No. 348-303736-18), pursuant to Section 551.071, Texas Government Code.
 - B. Real property relative to deliberation of the purchase, exchange, lease, sale or value of real property (City facilities, Public Works, and the 185 acres) pursuant to Section 551.072, Texas Government Code.
 - C. Conference with City Manager and Staff to discuss and deliberate commercial and financial information received from business prospects the City seeks to have locate, stay, or expand in the City; deliberate the offer of a financial or other incentive; with which businesses the City is conducting economic development negotiations pursuant to Section 551.087, Texas Government Code.

City Council to reconvene in open session in the Council Chambers and take any necessary action relative to items discussed in Executive Session.

REGULAR MEETING: 7:30 p.m. - City Council Chambers

2. Invocation: Jonathan Cook, Associate Pastor at First Baptist Grapevine
3. Pledge of Allegiance

CITIZEN COMMENTS

4. Any person who is not scheduled on the agenda may address the City Council under Citizen Comments or on any other agenda item by completing a Citizen Appearance Request form with the City Secretary. A member of the public may address the City Council regarding an item on the agenda either before or during the Council's consideration of the item, upon being recognized by the Mayor or upon the consent of the City Council. Citizens will have three (3) minutes to address Council. In accordance with the Texas Open Meetings Act, the City Council is restricted in discussing or taking action during Citizen Comments.

NEW BUSINESS

5. Consider ratification of the emergency repair of a 20" water line near the Grapevine Service Center from RUTS Construction LLC, **Ordinance No. 2026-001** appropriating the funds, and take any necessary action.
6. Consider ratification of the emergency purchase order for the purchase of an Ultraviolet Disinfection System from Vision Equipment; Alltech Engineering Corporation and Humphrey Associates; **Ordinance No. 2026-002** appropriating the funds; and take any necessary action.

CONSENT AGENDA

Consent items are deemed to need little Council deliberation and will be acted upon as one business item. Any member of the City Council or member of the audience may request that an item be withdrawn from the consent agenda and placed before the City Council for full discussion. Approval of the consent agenda authorizes the City Manager, or his designee, to implement each item in accordance with Staff recommendations.

7. Consider **Resolution No. 2026-001** adopting the Tarrant County Hazard Mitigation Action Plan, December 2025. Fire Chief recommends approval.
8. Consider the purchase of audiovisual upgrades for City Hall from Digital Resources, Inc. Chief Information Officer recommends approval.
9. Consider an annual contract AgendaLink platform, along with managed remote production, recording and streaming services of public meetings, and live closed captioning of public meetings with Digital Resources, Inc. Chief Information Officer and City Secretary recommend approval.
10. Consider renewal of the purchase of NetMotion complete cloud hosting from Mobile Wireless. Police Chief recommends approval.

11. Consider the purchase of the removal and replacement of a diving board at Dove Waterpark from Sunbelt Pools. Director of Parks and Recreation recommends approval.
12. Consider the minutes of the December 16, 2025 Regular City Council meeting. City Secretary recommends approval.

Pursuant to the Texas Open Meetings Act, Texas Government Code, Chapter 551.001 et seq, one or more of the above items may be considered in Executive Session closed to the public. Any decision held on such matter will be taken or conducted in open session following conclusion of the executive session.

ADJOURNMENT

In accordance with the Open Meetings Law, Texas Government Code, Chapter 551, I hereby certify that the above agenda was posted on the official bulletin boards at Grapevine City Hall, 200 South Main Street and on the City's website on December 30, 2025 by 5:00 p.m.


Tara Brooks, TRMC
City Secretary



If you plan to attend this public meeting and you have a disability that requires special arrangements at the meeting, please contact the City Secretary's Office at 817.410.3182 at least 48 hours in advance of the meeting. Reasonable accommodations will be made to assist your needs.

This meeting can be adjourned and reconvened, if necessary, the following regular business day.

MEMO TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: BRUNO RUMBELOW, CITY MANAGER *BR*

MEETING DATE: JANUARY 6, 2026

SUBJECT: EMERGENCY REPAIRS TO WATERLINE AND APPROPRIATION ORDINANCE

RECOMMENDATION: City Council to consider the ratification of the emergency repair of a 20" water line near the Grapevine Service Center from RUTS Construction LLC and approval of an ordinance appropriating funds.

FUNDING SOURCE: Upon approval of the attached ordinance, funds will be available in the Utility Enterprise Fund in the estimated amount of \$245,000.

BACKGROUND: On December 12, 2025, staff discovered that a 20" waterline at the Service Center had failed and was leaking. As the utility crews worked to isolate the leak, we found numerous valves that would not operate.

Staff retained the services of RUTS Construction, LLC who began the repair Friday, December 13, 2025. RUTS and staff worked through the weekend to complete the water line repair.

The work consisted of mobilization, excavation, installation of a 20" line stop on a 20" PVC pipe and grouting the repair. Estimated cost of the repair is \$241,295. The line stop is a special flanged fitting that allowed the temporary water shutoff in the line for repairs. After the repair is completed the line stop is removed.

Staff recommends approval

ORDINANCE NO. 2026-001

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF GRAPEVINE, TEXAS, AUTHORIZING THE APPROPRIATION OF \$245,000 IN THE UTILITY ENTERPRISE FUND; DECLARING AN EMERGENCY AND PROVIDING AN EFFECTIVE DATE

WHEREAS, staff detected a leak in a waterline at the Service Center on December 12, 2025, that required emergency repairs by staff and a professional construction company; and

WHEREAS, the City Council of the City of Grapevine desires to complete the emergency repair of the 20" waterline; and

WHEREAS, funding is available in the Utility Enterprise Fund; and

WHEREAS, all constitutional and statutory prerequisites for the approval of this ordinance have been met, including but not limited to the Open Meetings Act and Chapter 211 of the Local Government Code; and

WHEREAS, the City Council deems the adoption of this ordinance to be in the best interests of the health, safety, and welfare of the public.

NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF GRAPEVINE, TEXAS:

Section 1. That all matters stated hereinabove are found to be true and correct and are incorporated herein by reference as if copied in their entirety.

Section 2. That the City Council hereby authorizes an estimated amount of \$245,000 be appropriated from the Utility Enterprise Fund for the emergency repair of a 20" waterline.

Section 3. That a copy of the revised FY 2026-2027 annual budget document shall be kept on file in the office of the City Secretary.

Section 4. That the terms and provisions of this ordinance shall be deemed to be severable, and that if the validity of any section, subsection, word, sentence or phrase shall be held to be invalid, it shall not affect the remaining part of this ordinance.

Section 5. That the fact that the present ordinances and regulations of the City of Grapevine, Texas, are inadequate to properly safeguard the health, safety, morals, peace and general welfare of the inhabitants of the City of Grapevine, Texas, creates an emergency for the immediate preservation of the public business, property, health, safety

and general welfare of the public which requires that this ordinance shall become effective from and after the date of its final passage, and it is accordingly so ordained.

PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF GRAPEVINE, TEXAS on this the 6th day of January, 2026.

APPROVED:

William D. Tate
Mayor

ATTEST:

Tara Brooks
City Secretary

APPROVED AS TO FORM:

Matthew C.G. Boyle
City Attorney

MEMO TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: BRUNO RUMBELOW, CITY MANAGER ^{BR}

MEETING DATE: JANUARY 6, 2026

SUBJECT: RATIFY THE EMERGENCY PURCHASE OF ULTRAVIOLET DISINFECTION SYSTEM, REPAIRS, INSTALLATION AND APPROPRIATION ORDINANCE

RECOMMENDATION: City Council to consider ratification of the emergency purchase order for the purchase of an Ultraviolet (UV) Disinfection System at the Wastewater Treatment Plant from Vision Equipment; approval of the installation services with Alltech Engineering Corporation and Humphrey Associates; and approval of an ordinance appropriating funds.

FUNDING SOURCE: Upon approval of the attached ordinance, funds will be available in the Utility Enterprise Fund in the estimated amount of \$500,000.

BACKGROUND: The UV Disinfection process is the last treatment before effluent leaves the plant. The disinfection process is critical to maintain our operating permit. Our plant flows can be treated with either of our two treatment channels allowing for a backup, if needed.

On November 18, 2025, there was an electrical fire at the UV Disinfection System at the Wastewater Treatment Plant. The UV control panel, wiring and modules in Channel 1 were damaged beyond repair. Staff has worked with Vision Equipment to obtain a quote for a new control panel and modules to match the existing equipment.

This request also includes funds for installation of the replacement equipment including a new electrical service to the control cabinet from the transformer.

The purchase of the UV Disinfection system with Vision Equipment is \$325,000, the estimated costs for installation of the equipment with Alltech Engineering Corporation is \$40,000 and the electrical installation with Humphrey Associates is estimated at \$100,000. Staff is also recommending \$35,000 contingency.

An insurance investigation claim is in progress and it is anticipated a portion of these costs will be reimbursed.

Staff recommends approval.

ORDINANCE NO. 2026-000

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF GRAPEVINE, TEXAS, AUTHORIZING THE APPROPRIATION OF \$500,000 IN THE UTILITY ENTERPRISE FUND; DECLARING AN EMERGENCY AND PROVIDING AN EFFECTIVE DATE

WHEREAS, a fire at the Wastewater Treatment Plant on November 18, 2025 caused damage to the Ultraviolet Disinfection System at the Wastewater Treatment Plant; and

WHEREAS, the City Council of the City of Grapevine desires to complete the emergency repair of the Ultraviolet Disinfection System at the Wastewater Treatment Plant; and

WHEREAS, funding is available in the Utility Enterprise Fund; and

WHEREAS, all constitutional and statutory prerequisites for the approval of this ordinance have been met, including but not limited to the Open Meetings Act and Chapter 211 of the Local Government Code; and

WHEREAS, the City Council deems the adoption of this ordinance to be in the best interests of the health, safety, and welfare of the public.

NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF GRAPEVINE, TEXAS:

Section 1. That all matters stated hereinabove are found to be true and correct and are incorporated herein by reference as if copied in their entirety.

Section 2. That the City Council hereby authorizes an estimated amount of \$500,000 be appropriated from the Utility Enterprise Fund for the emergency repair of the Ultra Violet Disinfection System at the Wastewater Treatment Plant.

Section 3. That a copy of the revised FY 2026-2027 annual budget document shall be kept on file in the office of the City Secretary.

Section 4. That the terms and provisions of this ordinance shall be deemed to be severable, and that if the validity of any section, subsection, word, sentence or phrase shall be held to be invalid, it shall not affect the remaining part of this ordinance.

Section 5. That the fact that the present ordinances and regulations of the City of Grapevine, Texas, are inadequate to properly safeguard the health, safety, morals, peace and general welfare of the inhabitants of the City of Grapevine, Texas, creates an emergency for the immediate preservation of the public business, property, health, safety

and general welfare of the public which requires that this ordinance shall become effective from and after the date of its final passage, and it is accordingly so ordained.

PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF GRAPEVINE, TEXAS on this the 6th day of January, 2026.

APPROVED:

William D. Tate
Mayor

ATTEST:

Tara Brooks
City Secretary

APPROVED AS TO FORM:

Matthew C.G. Boyle
City Attorney

MEMO TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: BRUNO RUMBELOW, CITY MANAGER *BR*

MEETING DATE: JANUARY 6, 2026

SUBJECT: APPROVAL OF TARRANT COUNTY HAZARD MITIGATION ACTION PLAN, DECEMBER 2025

RECOMMENDATION: City Council to consider approving a resolution adopting the Tarrant County Hazard Mitigation Action Plan.

FUNDING SOURCE: None

BACKGROUND: The Tarrant County Hazard Mitigation Action Plan (HMAP) is a comprehensive, federally mandated strategy designed to reduce long-term risks to people and property from natural hazards such as flooding, severe storms, and wildfires. Developed in coordination with local jurisdictions, the plan identifies vulnerabilities, prioritizes mitigation projects, and ensures eligibility for federal disaster assistance and grant funding. The City of Grapevine actively participates in this multi-jurisdictional effort to align its local hazard mitigation goals with countywide strategies, strengthen community resilience, and protect residents, businesses, and critical infrastructure.

RESOLUTION NO. 2026-001

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF
GRAPEVINE, TEXAS, ADOPTING THE TARRANT COUNTY
HAZARD MITIGATION ACTION PLAN, DECEMBER 2025
AND PROVIDING AN EFFECTIVE DATE

WHEREAS, the City Council of the City of Grapevine, recognizes the threat that natural hazards pose to people and property within Tarrant County; and

WHEREAS, Tarrant County has prepared a multi-hazard mitigation plan, hereby known as the Tarrant County Hazard Mitigation Action Plan, December 2025 in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS, the Tarrant County Hazard Mitigation Action Plan, December 2025 identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in the City of Grapevine from the impacts of future hazards and disasters; and

WHEREAS, adoption by the Grapevine City Council demonstrates a commitment to hazard mitigation and achieving the goals outlined in the Tarrant County Hazard Mitigation Action Plan, December 2025; and

WHEREAS, all constitutional and statutory prerequisites for the approval of this resolution have been met, including but not limited to the Open Meetings Act; and

WHEREAS, the City Council deems the adoption of this ordinance to be in the best interests of the health, safety, and welfare of the public.

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

Section 1. That all matters stated herein above are found to be true and correct and are incorporated herein by reference as if copied in their entirety.

Section 2. That the Grapevine City Council adopts the Tarrant County Hazard Mitigation Action Plan, December 2025.

Section 3. A copy of the Tarrant County Hazard Mitigation Action Plan, December 2025 is attached hereto as "Exhibit A" and incorporated herein for all intents and purposes.

Section 4. That this resolution shall be effective from and after the date of its passage.

PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF GRAPEVINE, TEXAS on the 6th day of January, 2026.

APPROVED:

William D. Tate
Mayor

ATTEST:

Tara Brooks
City Secretary

APPROVED AS TO FORM:

Matthew C.G. Boyle
City Attorney

City of Grapevine

*Jurisdictional Annex to the
Tarrant County Hazard Mitigation Plan*

2025



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Chapter 1: Introduction

Planning Process Point of Contact

The Emergency Management Coordinator was the point of contact during the Tarrant County Hazard Mitigation Action Plan (HazMAP) planning process for the City of Grapevine.

Annex Organization

This annex has five chapters that satisfy the mitigation requirements in 44 CFR Part 201:

- Chapter 1: Introduction
- Chapter 2: Planning Process
- Chapter 3: Hazard Identification and Risk Assessment
- Chapter 4: Capabilities Assessment
- Chapter 5: Mitigation Strategy

The information in this annex is for the City of Grapevine alone. All pertinent information that is not identified in this annex is identified in the other sections of this HazMAP or in the respective annexes.

Hazard Mitigation Action Plan (HazMAP) Adoption

Once the Tarrant County HazMAP has received the designation “Approved Pending Local Adoption” from the Federal Emergency Management Agency (FEMA), the City of Grapevine will take the HazMAP to City Council for final public comment and local adoption. A copy of the resolution will be inserted into the HazMAP and held on file at Tarrant County.

Supporting Maps

Figure 1 and Figure 2 show the City's:

- Major Highways/Arterials
- Historic District



Figure 1: Major Highways/Arterials

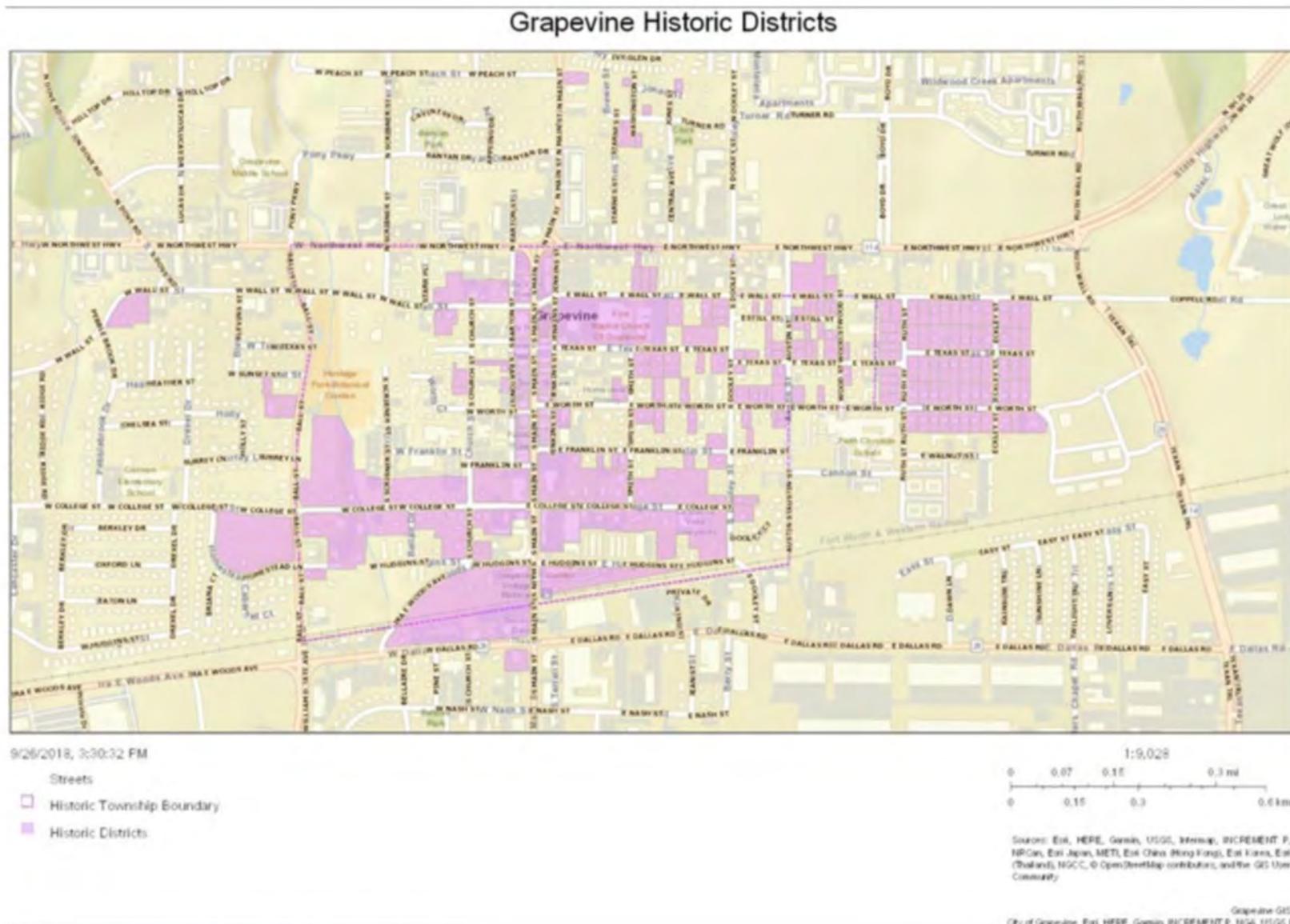


Figure 2: Historic District of the City of Grapevine

Chapter 2: Planning Process

(In compliance with 201.6(c)(1))

Development and Adoption Process

To apply for federal aid for technical assistance and post-disaster funding, local jurisdictions must comply with Part 201.3 of the Disaster Mitigation Act of 2000 (DMA 2000), implemented in the Code of Federal Regulations 44 CFR Part 201.6. Although the City of Grapevine has historically implemented measures to reduce vulnerability to some hazards, the passage of DMA 2000 helped City officials recognize the benefits of a long-term approach to hazard mitigation. This approach is achieved by gradually decreasing hazard-associated impacts by implementing a hazard mitigation action plan (HazMAP). The City's involvement in the Tarrant County HazMAP represents the collective efforts of the Hazard Mitigation Planning Team (HMPT), participating Local Planning Teams (LPTs), the public, and stakeholders.

The City developed this annex in accordance with Part 201.6(c)(5) of DMA 2000. The HazMAP and this annex identify hazards and mechanisms to minimize damage associated with these hazards.

Organizing the Planning Effort

A comprehensive approach was taken to develop the HazMAP. An open involvement process was established for the public and all stakeholders, allowing everyone to be involved in the planning process and express their views. The public meeting was advertised with notices in the local newsletter and on social media.

Two teams worked simultaneously on this Tarrant County HazMAP:

1. **Hazard Mitigation Planning Team (HMPT):** This team consisted of points of contact from each participating jurisdiction. The HMPT met to discuss county-wide topics, including hazards and mitigation strategies. The points of contact were the leads of their LPT.
2. **Local Planning Team (LPT):** Each jurisdiction had an LPT that consisted of the Emergency Management Coordinator for that jurisdiction and designated representatives from that jurisdiction. This team met to assess the jurisdiction's capabilities, hazards, and mitigation strategies.

Local Planning Team

This annex to the Tarrant County HazMAP was developed by the City of Grapevine's LPT. The efforts of the LPT were led by the City's Emergency Management Coordinator. The LPT was assembled in 2020 with representatives from the City of Grapevine.

Table 1: City of Grapevine Local Planning Team Members for the 2025 HazMAP

Jurisdiction	Agency/ Organization	Position	Role in the Local Planning Team
City of Grapevine	Fire Department	Emergency Management Coordinator	General oversight, hazard identification, and plan development
City of Grapevine	Information Technology Department	Geographic Information Systems (GIS) Manager	Hazard identification and plan development
City of Grapevine	Public Works Department – Engineering	Floodplain Administrator/ Development Engineer	Hazard identification and plan development

Chapter 3: Hazard Identification and Risk Assessment

(In compliance with 201.6(c)(2)(i), 201.6(c)(2)(ii), 201.6(c)(2)(ii)(A), 201.6(c)(2)(ii)(B), 201.6(c)(2)(ii)(C), 201.6(c)(2)(iii), and 201.6(c)(3)(ii))

The following information helped the City of Grapevine determine and prioritize mitigation action items to reduce losses from identified hazards.

Changes in Development since 2020

(In compliance with 201.6(d)(3))

Increasing Vulnerability
<p>New development in hazard-prone areas:</p> <ul style="list-style-type: none"> There has been no development in hazard-prone areas since 2020.
Decreasing Vulnerability
<p>Mitigation actions implemented to reduce risk or adopted codes to protect future development:</p> <ul style="list-style-type: none"> There has been no changes in the mitigation actions completed since 2020.

Community Profile

The following sections present the community profile, vulnerable facilities in the jurisdiction, and the critical facilities and infrastructure that are exposed to the identified hazards and can be impacted. This information was gathered from the United States Census and the City of Grapevine.

Table 2: Community Profile of the City of Grapevine¹

Metric	Information
Population	50,631
Persons 65 years and over	13.1%
Median Household Income	\$107,165
Persons in Poverty	5.7%
Disabled Population	7.1%
Persons without health insurance coverage	10.2%

¹ Quick Facts from the U.S. Census Bureau

Critical Infrastructure

Critical infrastructure is the assets that a community considers vital to public health and safety. Due to their sensitivity, certain assets in the City of Grapevine are restricted to public viewing. The City of Grapevine has identified seven critical and vulnerable facilities, which are listed in Table 3. Some or all of these facilities are in the hazard areas identified in the City of Grapevine.

Table 3: Critical Assets in the City of Grapevine

Facility/Asset Name or Description and Address	Type of Assets	Capacity	Square Feet	Structure Value	Content Value
City Hall 200 South Main Street	Administration	100 people	29,000	\$6,500,000	\$7,500,000
Public Safety Building 1007 Ira E Woods 1027 Ira E Woods 1017 Ira E Woods	Law Enforcement Dispatch/ Communications Fire Administration Information Technology Municipal Court Emergency Operations Center Logistics/Support Services	150 people	104,110	\$33,000,000	\$5,000,000
Public Works Service Center (and Dove Water Tower) 501 Shady Brook Drive	Public Works	200 people	337,000	\$7,800,000	\$17,000,000
The REC 1175 Municipal Way	Recreation /Education/ Administration	2,900 people	108,000	\$24,027,342	\$1,782,950
Wastewater Treatment Plant 602 Shady Brook Drive	Utilities	25 people	10,000	\$1,500,000	\$2,000,000
Water Treatment Plant 2600 Fairway Drive	Utilities	15 people	10,000	\$2,000,000	\$3,000,000
Mustang Water Tower 3051 Ira E. Woods Avenue	Utilities	N/A	Unknown	\$700,000	\$300,000

Profiles of Natural Hazards

The City of Grapevine's LPT ranked potential hazards in order of risk, with Thunderstorm being the highest (see Table 4). Risk, for the purposes of hazard mitigation planning, is the potential for damage or loss created by the interaction of natural hazards with community assets. If a natural hazard could not impact the City of Grapevine, not applicable (N/A) is used as its rank and its reasoning is noted in the hazard profile section of this chapter.

Table 4: Ranking of Hazards for the City of Grapevine

Rank of Risk	Score	Geographic Area Affected	Probability of Future Occurrence	Maximum Probable Extent
Tornado	1	Extensive	Highly Likely	Major
Thunderstorm	2	Extensive	Highly Likely	Medium
Flooding	3	Limited	Occasional	Medium
Winter Storm	4	Extensive	Likely	Medium
Extreme Heat	7	Extensive	Likely	Medium
Wildfire	6	Limited	Occasional	Medium
Drought	5	Extensive	Occasional	Medium
Expansive Soils	8	Extensive	Occasional	Medium
Earthquake	9	Negligible	Unlikely	Minor

The following terms are used to describe the geographic area affected, the probability of future occurrence, and the maximum probable extent.

Geographic Area Affected

- **Negligible:** Less than 10 percent of the planning area (the entire City of Grapevine).
- **Limited:** 10 to 25 percent of the planning area.
- **Significant:** 25 to 75 percent of the planning area.
- **Extensive:** 75 to 100 percent of the planning area.

Probability of Future Occurrence

- **Unlikely:** Event possible in the next 10 years.
- **Occasional:** Event possible in the next 5 years.
- **Likely:** Event probable in the next 3 years.
- **Highly Likely:** Event probable in the next year.

MAXIMUM PROBABLE EXTENT

(Magnitude/Strength of Hazard using the extent scale in Table 5)

- **Minor:** Limited classification on scientific scale, slow speed of onset, or short duration of event.
- **Medium:** Moderate classification on scientific scale, moderate speed of onset, or moderate duration of event.
- **Major:** Severe classification on scientific scale, fast speed of/immediate onset or long duration of event.

Table 5: Extent Scale for Natural Hazards

Hazard	Minor	Medium	Major
Drought	Presence-Sensing Device Initiation (PDSI) -1.99 to 1.99+	PDSI -2.00 to -2.99	PDSI -3.00 to -5.00
Earthquake	Mercalli Scale: I–V; Richter Scale: 0–4.8	Mercalli Scale: VI–VII; Richter Scale: 4.9–6.1	Mercalli Scale: VIII–XII; Richter Scale: 6.2–8.1+
Expansive Soils	EI Expansion Potential: 21–50 (Low); 0–21 (Very Low)	EI Expansion Potential: 51–90 (Medium)	EI Expansion Potential: 91–130 (High) >130 (Very High)
Flooding	Outside of 100-yr and 500-yr flood zones, Zone A, AE, X	500-yr flood zone, Zone X	100-yr flood zone, Zone AE
Extreme Heat	Heat Index: 80 °F–105 °F	Heat Index: 105 °F– 129 °F	Heat Index: >130 °F
Thunderstorm	Hail: H0–H4, 5–40mm; Wind Force: 0–3; Knots: <1–10 lightning activity level (LAL): 1–2	Hail: H5–H6, 30–60mm; Wind Force: 4–6; Knots: 11–27; LAL: 3–4	Hail: H7–H10, 50–>100mm; Wind Force: 8–12; Knots: 28–64+ LAL: 5–6;
Tornado	EF0	EF1–EF2	EF3–EF5
Wildfire	Keetch-Byram Drought Index (KBDI): 0–200	KBDI: 200–400	KBDI: 600–800
Winter Storms	Temperature: 40 °F to 35 °F Wind chill 36 °F to 17 °F	Temperature: 30 °F to 45 °F; Wind chill 25 °F to -4 °F	Temperature: 15 °F to -20 °F; Wind chill 7 °F to -98 °F

The full description of each of these hazards is in Section 3 of this HazMAP.

LOCATION

Drought, earthquakes, expansive soils, extreme heat, thunderstorms, tornadoes, and winter storms do not have geographic boundaries and can impact the entire county, including all participating jurisdictions. Wildfires can threaten rural and urban jurisdictions with undeveloped land. Flooding is a severe threat to jurisdictions containing 100-year floodplains or bodies of water.

The following hazards are listed in alphabetical order and describe the location and extent of each hazard, details of previous occurrences, probability data on future events, and vulnerability to each hazard.

Drought

Overview

The City of Grapevine receive approximately 70% of its drinking water from the Trinity River Authority, which is supplied by Cedar Creek Reservoir and Richland Chambers Reservoir. The other 30% of Grapevine's water comes from the city's water supply, Lake Grapevine, which has a normal conservation pool elevation of 535 feet. Irrigation or watering of any lawn or landscape is prohibited between the hours of 10:00 a.m. and 6:00 p.m. The city's Drought Contingency Plan Ordinance is outlined in Chapter 25, Article V, Section 25-140 of the Code of Ordinances.

Table 6: Drought Hazard Profile for the City of Grapevine

Category	Response
Risk Ranking	8
Geographic Area Affected	Extensive
Probability of Future Occurrence	Likely
Maximum Probable Extent	Minor
Potential Impact	<ul style="list-style-type: none"> • Property damage Loss of water supply • Increase in grassfire potential and intensity • Negative impact on citizens, including water restrictions and lack of drinkable water supply • Impact on car washes, parks, and pools
Vulnerabilities	There are no historical data for drought damage in the city. All populations, economy, structures, improved property, critical facilities and infrastructure, and the natural environment are exposed to this hazard. Rises in water costs would affect the population living below the poverty line.

Summary

The entire the City of Grapevine is vulnerable to drought. Considering its historical frequency, there is a significant chance of droughts occurring each year. Drought can affect people's health and safety. Examples of drought impacts on society include anxiety or depression about economic losses, conflicts when there is not enough water, reduced incomes, fewer recreational activities, higher incidents of heat stroke, and even loss of human life. Drought conditions can also provide a substantial increase in wildfire risk. As plants and trees wither and die from a lack of precipitation, increased insect infestations, and diseases—all associated with drought—they become fuel for wildfires.

Earthquake

Overview

The City of Grapevine has experienced zero earthquakes in the past 20 years. However, there is still a risk, and it would be catastrophic for all populations and assets in the community.

Table 7: Earthquake Hazard Profile for the City of Grapevine

Category	Response
Risk Ranking	9
Geographic Area Affected	Negligible
Probability of Future Occurrence	Unlikely
Maximum Probable Extent	Minor
Potential Impact	<ul style="list-style-type: none"> • Injury or death • Property and infrastructure damage • Water contamination or loss from broken pipes • Transportation and communication disruption or damage • Increase in traffic accidents • Building collapse • Natural gas leak Displaced residents • Power outages • Damage to the natural environment, including protected species and critical habitats
Vulnerabilities	All populations, economy, structures, improved property, critical facilities and infrastructure, and the natural environment are exposed to this hazard, though impacts are undetermined due the lack of historical data.

Summary

The City of Grapevine could be subject to an earthquake, but none has been reported. A significant earthquake event would cause a substantial loss of life and billions of dollars in damage to critical infrastructure.

Expansive Soils

Overview

All the roadways in the City of Grapevine are subject to damage from expansive soils, and the City spends thousands of dollars a year on road repairs. However, due to the manner in which data for expansive soils are collected, it is not clear how many of these repairs are due to damage from expansive soils.

Table 8: Expansive Soils Hazard Profile for the City of Grapevine

Category	Response
Risk Ranking	8
Geographic Area Affected	Extensive
Probability of Future Occurrence	Occasional
Maximum Probable Extent	Medium
Potential Impact	<ul style="list-style-type: none"> • Property damage from foundation damage • Water contamination or loss from broken pipes • Building and infrastructure damage • Road damage • Transportation delays due to road condition • Damage to utility lines
Vulnerabilities	Because of the manner in which data for expansive soils are collected, the exact amount of damage in the city was unavailable, as only road data are available. Expansive soils are a major consideration for all existing and future structures. All populations, economy, structures, improved property, critical facilities and infrastructure, and the natural environment are exposed to this hazard.

Summary

The nature of expansive soils makes it difficult to predict the locations and the impacts that they might have. The City has seen impacts on critical assets in the public infrastructure.

Extreme Heat

Overview

Approximately 13.1% of the population of the City of Grapevine is 65 years old or older, and approximately 5.7% lives below the poverty line. Individuals in vulnerable or underserved populations are not only more likely to experience the effects of extreme temperatures, but they are also likely to be impacted to a higher degree than their counterparts. In addition, various City facilities have experienced heat-related power failure, making critical facilities vulnerable.

Table 9: Extreme Heat Hazard Profile for the City of Grapevine

Category	Response
Risk Ranking	7
Geographic Area Affected	Extensive
Probability of Future Occurrence	Likely
Maximum Probable Extent	Medium
Potential Impact	<ul style="list-style-type: none"> • Heatstroke or death. <ul style="list-style-type: none"> › People should stay indoors to prevent heatstroke; elderly people who cannot afford air-conditioning are at greatest risk. • Property damage • Loss of water supply • Increases grassfire potential and intensity • Impact on logistics • Power outages • Road buckling • Disruption in critical infrastructure operations • Vehicle engine failure
Vulnerabilities	<p>Although extreme heat poses a serious threat to any population, issues with housing and mobility could make it difficult for the elderly to seek shelter in response to such a threat. The elderly, homeless, and outdoor laborers need to take proper precautions. People should stay indoors to prevent heatstroke; elderly people who cannot afford air-conditioning are at greatest risk. The elderly, very young people, and people with poor health are most at risk of extreme heat.</p>

Summary

The City of Grapevine is vulnerable to extreme temperatures, which can affect people's health and safety. Therefore, it is essential to have proper measures in place to prevent critical structures from being vulnerable to utility failure during extreme temperatures.

Flooding

Overview

Since 2019, there have been no flash flooding events recorded by NOAA. However, flooding events still occur in the city which cause public safety and transportation issues. According to the City of Grapevine, there are six public wastewater lift stations in the 100-year floodplain.

Table 10: Flooding Hazard Profile for the City of Grapevine

Category	Response
Risk Ranking	3
Geographic Area Affected	Limited
Probability of Future Occurrence	Occasional
Maximum Probable Extent	Medium
Potential Impact	<ul style="list-style-type: none"> ▪ Loss of electricity ▪ Loss of, or contamination of, water supply ▪ Loss of property ▪ Structure and infrastructure damage – flooded structures and eroded roads ▪ Displaced residents ▪ Snakes migrate and mosquitoes increase ▪ Fire – as a result of loss of water supply ▪ Debris in transportation paths ▪ Emergency response delays ▪ Disruption of traffic can lead to impacts on the economy. ▪ Damage to the natural environment, including protected species and critical habitats
Vulnerabilities	Based on historical data, flooding has caused zero injuries and fatalities per year and is expected to have the same results in the future. Commuters and any buildings in a floodplain are the most at risk. All future development in the floodplain may be at risk. An increase in population will likely increase the number of buildings and infrastructure. New development in unincorporated areas could occur in areas prone to flooding and increase vulnerabilities and potential losses. However, most land use regulations require the consideration of flooding during the development process.

- **Past damage done to jurisdictional roads and critical infrastructure due to flooding:** DR-4223, May/June 2015, throughout the incident period, severe continuous rains caused flooding in and around Grapevine Lake. Eight public lake parks and the Grapevine Golf Course experienced flooding which resulted in approximately \$3.1 million in damage and repair costs. Dove Road was closed near Silvercrest Lane. The Grapevine City Council estimated rebuilding efforts would take months.
- **Intersections or traffic routes impacted by flooding:** Farm to Market 2499 (Northeast), State Highway 121 service roads (Northeast), Lake Ridge at Kimball (Northwest), and Fairway Drive

(Northwest) (emergency spillway for Grapevine Dam). See low-water crossings below, as these roads have the potential of flooding.

- **Names of creeks or rivers that flood:** Denton Creek and Bear Creek.

Table 11: Grapevine Floodplain Impact With Land Cover Type

Land Cover Type	Total Area in Jurisdiction (Acres)	Total Area in the 100-Year Floodplain (Acres)	Percentage (%) of Area in the 100-Year Floodplain
Residential	4,216.53	335.46	7.96%
Industrial	763.08	43.22	5.66%
Commercial	2,307.76	256.56	11.12%
Total	7,287.37	635.24	8.72%

Source: Grapevine Geographic Information Systems (GIS).

- **Low-Water Crossings:** A low-water crossing provides a type of bridge when water flow is low. Under high-flow conditions, water runs over the roadway and precludes vehicular and pedestrian traffic. These crossings can be dangerous when flooded.

LOW-WATER CROSSING TYPES DEFINED

- **Bridges** are open-bottomed structures with elevated decks. They may be designed with one or several piers. Low-water bridges generally have greater capacity and are able to pass higher flows underneath the driving surface than most vented and unvented fords.
- **Vented fords** have a driving surface elevated above the streambed, with culverts (vents) that enable low flows to pass beneath the roadbed. The vents can be one or more pipes, box culverts, or open-bottomed arches. In streams carrying large amounts of debris, the driving surface over the vent may be removable, permitting the debris to be cleared after a large flow event.

Compliance with the National Flood Insurance Program

Participation in the National Flood Insurance Program (NFIP) is based on a voluntary agreement between a community and the Federal Emergency Management Agency (FEMA). For communities that adopt a floodplain management ordinance to reduce flood risks to new construction, federally backed flood insurance is made available to property owners in the community. Compliance with the NFIP, however, extends beyond mere participation in the program. The NFIP has three basic components: 1) floodplain identification and mapping risk, 2) responsible floodplain management, and 3) flood insurance. The City of Grapevine participates in the NFIP and provides details about the community and its participation below. The following information was requested:

Table 12: Data for the City of Grapevine for the National Flood Insurance Program²

Category	Response
Community Identification Number	480598#
Community Name	City of Grapevine
County	Denton/Dallas/Tarrant County
Initial Flood Hazard Boundary Map Identified	6/28/74
Initial Flood Insurance Rate Map Identified	11/17/82
Current Effective Map Date	07/07/14
Regular -Emergency Date	11/17/82

The National Flood Insurance Program (NFIP) questions in Table 13 were answered to the best of the City of Grapevine's ability.

Table 13: NFIP Floodplain Management Capabilities and Compliance

Floodplain Management	
Who is the Floodplain Manager? Is this their primary or secondary role?	Deputy Director of Public Works (secondary)
Does the Floodplain Manager have adequate training and capacity or their role? If not, what else is needed?	Yes
How does the community enforce its floodplain rules? Does enforcement include monitoring compliance and acting to correct violations?	Floodplain Ordinance. No development is allowed in the floodplain if they do they have to properly mitigate the land.
When was the community's most recent Community Assistance Visit (CAV)?	Has not yet had one.
Were any violations noted on the community's most recent CAV?	No
Is there an upcoming CAV? If not, is one needed?	Unknown
When was the most recent floodplain management ordinance adopted?	2014
Does your community participate in the Community Rating System (CRS)? If so, describe the steps the community has taken to achieve the CRS goals.	No
Does the community's floodplain management ordinance include any higher standards? If so, please list.	No
Who is responsible for permitting?	Building Department

² <http://www.fema.gov/cis/TX.html>.

Floodplain Management	
How does the community issue development permits in the special flood hazard area (SFHA)?	Floodplain Development Permit
Does the community maintain elevation certificates?	Not at this time.
Does the community track the number of buildings in the special flood hazard area (SFHA)? If yes, are there any trends?	Yes, and no identified trends
How many repetitive loss (RL) structures does the community have? (List number and type of structure)	10/Residential
How many severe repetitive loss (SRL) structures does the community have? (List number and type of structure)	0
Have any RL/SRL properties been mitigated since the last plan update?	None
Who is responsible for making substantial damage/substantial improvement determinations?	Deputy Director of Public Works and Building Official
How does the substantial damage/substantial improvement process work in your community?	Substantial damage: cost of restoring the structure to its before damaged condition would equal or exceed 50 percent of the market value of the structure before damage occurred. Substantial improvement: reconstruction, rehabilitation, addition, or other improvement of a structure, the cost of which equals or exceeds 50 percent of the market value of the structure before "start of construction of the improvement.
Is there sufficient staff and training to make substantial damage/substantial improvement determinations?	Yes
How are substantial damage/substantial improvement requirements messaged to the public before and after an event?	We put information on the website to be able to broadcast information.
Have any substantially damaged/substantially improved structures been mitigated since the last plan update?	Not that we are aware.
How will the community remain in compliance with the NFIP moving forward? (Simply stating "the community will continue to comply with the NFIP" will not meet FEMA's planning requirements.)	By maintaining our city ordinances, continuing to inform the public, maintaining and analyzing records, etc.

Floodplain Mapping	
How does the community support map change requests? This could be requests during the Risk MAP process or through Letters of Map Amendment or Revision.	For developments: we play an active role in reviewing flood studies and ultimately sign the Community Acknowledgement Form before it is sent to FEMA. For a resident inquiring, we help educate on the process they would need to take and forms they need to fill out. For City Projects: We contract with consultants and are actively involved in reviewing plans/flood studies.
When did the latest Flood Insurance Rate Map (FIRM) become effective?	07/07/2014
When was the latest FIRM adopted?	07/07/2014
Is the FIRM and Flood Insurance Study (FIS) report in an accessible location? How would the public get access to their flood map information?	The FIRM Map is located on FEMA's website
Does the community use any Risk MAP products? If so, describe.	Not at this time.
Does the community collect updated floodplain data or modeling? Is this shared with partners and with FEMA?	Any development required to provide these data is saved in our files.

Flood Insurance and Outreach	
How does the community educate the public on floodplain management and the availability of flood insurance, in and out of the floodplain?	All outreach channels, newsletter, social media, water bills.
How does the community engage with insurance agents on flood insurance?	Community engages directly with insurance agents on flood insurance
Does the community (or state) have flood hazard disclosure laws?	Texas has a number of laws that require flood hazard disclosures for sellers, landlords, and renters
How familiar is the public with their flood insurance options?	Somewhat familiar
Are there any areas where flood insurance is lacking?	Unknown
How many NFIP policies are in the community? What is the total premium and coverage?	Policies in force: 132 Insurance in force: \$52,393,000 Written premium in force: \$82,158

Summary

Residential, commercial, and public buildings and critical infrastructure, such as transportation, water, energy, and communication systems, may be damaged or destroyed by flood waters. During a flood event, chemicals and other hazardous substances may contaminate local bodies of water. Flooding kills animals and, in general, disrupts the ecosystem.

Thunderstorm

Overview

In the City of Grapevine, past damage from thunderstorms, and specifically hail has caused approximately \$10,000,000 in damage in the City of Grapevine.

Table 14: Thunderstorm Hazard Profile for the City of Grapevine

Category	Response
Risk Ranking	2
Geographic Area Affected	Extensive
Probability of Future Occurrence	Highly Likely
Maximum Probable Extent	Medium
Potential Impact	<ul style="list-style-type: none"> • Property damage to fences, vehicles, equipment, and roofs • Transportation delays • Injuries and deaths • Debris from trees and damaged property • Electrical grid problems • Communication problems – phone and internet lines down • Damage to the natural environment, including protected species and critical habitats
Vulnerabilities	<p>Given the dynamic nature of thunderstorms, all populations, economy, structures, improved property, critical facilities and infrastructure, and the natural environment are exposed to this hazard. Although thunderstorms pose a serious threat to any population, issues with mobility could make it difficult for the elderly to evacuate ahead of such a threat or relocate after a damaging hailstorm has occurred. In addition, power failures could affect medical equipment needed by the elderly or populations with functional and access needs.</p>

Summary

The City of Grapevine is subject to severe weather hazards, including thunderstorms, wind, lightning, and hail. Associated damage includes impacts on utilities, residential and commercial buildings/property, and agricultural losses. High wind can cause trees to fall and cause injuries or death; lightning can lead to house fires and serious injuries. Hail can cause injury and severe damage to homes and automobiles.

Tornado

Overview

In the City of Grapevine, there have been two reports of a tornado since 2020. An EF-1 tornado moved through Grapevine beginning near the Mustang Elite Car Wash on Ira E Woods Avenue south of Highway 114. The tornado crossed Ira E Woods Avenue, causing significant roof damage to businesses. The tornado continued moving northeast, damaging trees and shingles in a residential area. The tornado next caused damage to two HVAC units at Grapevine Middle School. The next notable damage was to the Grapevine Service Center, which had significant roof damage and several garage doors were blown out. The tornado continued through a residential area where it caused minor damage to several trees and roofs. However, it damaged several large trees at the Grapevine Cemetery. Maximum estimated winds were 110 mph. The same day, another EF-1 tornado damaged parts of Grapevine Mills Mall, including portions of the roof, paneling, and walls and HVAC units on the roof. The tornado tracked north, where it damaged some residential roofs. Maximum estimated winds were 100 mph.

Table 15 Tornado Hazard Profile for the City of Grapevine

Category	Response
Risk Ranking	1
Geographic Area Affected	Extensive
Probability of Future Occurrence	Highly Likely
Maximum Probable Extent	Major
Potential Impact	<ul style="list-style-type: none"> ▪ Injury or death ▪ Power outages ▪ Blocked roadways from trees ▪ Rerouting traffic ▪ Damaged or destroyed property and infrastructure ▪ Natural gas pipeline breaks – fire injuries, possible deaths ▪ Transportation disruption ▪ Displaced residents ▪ Damage to the natural environment, including protected species and critical habitats
Vulnerabilities	Tornadoes have the potential to impact the entire City of Grapevine. All existing and future buildings, emergency facilities, critical facilities, critical infrastructure, improved property, and the entire population of the City is exposed to this hazard.

Summary

The entire population, all critical facilities, buildings (commercial and residential), and infrastructure are vulnerable to tornadoes. Although all assets are considered at risk from this hazard, a tornado would only cause damage along its specific track. The weakest tornadoes, EF0, can cause minor roof damage, and stronger tornadoes can destroy frame buildings and badly damage steel-reinforced concrete structures.

Given the strength of the wind impact and construction techniques, buildings are vulnerable to direct impact, including potential destruction, from tornadoes and wind debris that tornadoes turn into missiles. Structures constructed of light materials, such as mobile homes, are most susceptible to damage.

Wildfire

Overview

The most vulnerable locations are green space in the city and properties in the wildland–urban interface. Vulnerable locations include undeveloped property around the Dallas-Fort Worth Airport, native areas around Grapevine Lake and Dam, and wooded parks near homes.

Table 16: Wildfire Hazard Profile for the City of Grapevine

Category	Response
Risk Ranking	6
Geographic Area Affected	Limited
Probability of Future Occurrence	Occasional
Maximum Probable Extent	Medium
Potential Impact	<ul style="list-style-type: none"> ▪ Injury or death ▪ Property and fence damage ▪ Road closure ▪ Traffic accidents ▪ Loss of power – burning utility poles ▪ Loss of property ▪ Structure and infrastructure damage ▪ Displaced residents ▪ Loss of resources ▪ Damage to the natural environment, including protected species and critical habitats
Vulnerabilities	<ul style="list-style-type: none"> ▪ Vulnerabilities include undeveloped property around the Dallas-Fort Worth Airport, native areas around Grapevine Lake and Dam, and wooded parks near homes.

Summary

Given the dynamic nature of wildfires, all populations, economy, structures, improved property, critical facilities and infrastructure, and the natural environment in the city are exposed to this hazard.

Winter Storm

Overview

Bridges and overpasses can be impacted by winter storms. The bridges at Dove Road, Pool Road, Gaylord Texan Bridge, Ruth Wall, and Texan Trail, and Scribner at Northwest Highway are considered most vulnerable. State highway flyovers and overpasses are managed by the Texas Department of Transportation. Vehicle crashes are likely in these areas and there might be traffic issues because drivers must slow down to navigate iced-over bridges. There would be delays in emergency response and an increase in life-safety concerns.

Table 17: Winter Storm Hazard Profile for the City of Grapevine

Category	Response
Risk Ranking	4
Geographic Area Affected	Extensive
Probability of Future Occurrence	Likely
Maximum Probable Extent	Medium
Potential Impact	<ul style="list-style-type: none"> • Structural damage • Injuries or death • Power outages • Loss of ability to use roads for driving Increased traffic accidents • Loss of heat • Stranded travelers/motels at full capacity • Tree debris creates fuel load for fire hazard • Delayed emergency response time • Frozen/burst pipes leading to loss of water • Disruption of traffic • Impacts on the economy • Reduced communications capabilities
Vulnerabilities	Given the dynamic nature of winter storms, all populations, economy, structures, improved property, critical facilities and infrastructure, and the natural environment in the City are exposed to this hazard.

Summary

The City of Grapevine is subject to extreme winter weather, which can cause traffic issues because drivers must slow down to navigate iced-over roads causing potential traffic accidents. Travel can be delayed and cause longer responses for first responders.

Historical Events

Table 18 lists the natural hazard events that occurred in the City of Grapevine between 2019 and 2024 as recorded by the National Centers for Environmental Information. It does not include all the damage and events that the City has collected from the fire department. The material is organized by location and date.

Table 18: Historical Events in the City of Grapevine since 2019

Location	Date	Event Type	Deaths	Injuries	Property Damage	Crop Damage
City of Grapevine	7/10/2019	Thunderstorm Wind	0	0	\$0	\$0
City of Grapevine	10/20/2019	Thunderstorm Wind	0	0	\$0	\$0
City of Grapevine	7/5/2020	Thunderstorm Wind	0	0	\$3,000	\$0
City of Grapevine	7/12/2020	Thunderstorm Wind	0	0	\$0	\$0
City of Grapevine	8/16/2020	Thunderstorm Wind	0	0	\$0	\$0
City of Grapevine	11/4/2022	Thunderstorm Wind	0	0	\$0	\$0
City of Grapevine	12/13/2022	Tornado	0	5	\$0	\$0
City of Grapevine	12/13/2022	Tornado	0	0	\$0	\$0
City of Grapevine	3/2/2023	Thunderstorm Wind	0	0	\$0	\$0
City of Grapevine	3/16/2023	Thunderstorm Wind	0	0	\$0	\$0
City of Grapevine	5/19/2023	Hail	0	0	\$0	\$0
City of Grapevine	5/27/2024	Hail	0	0	\$0	\$0
City of Grapevine	5/27/2024	Hail	0	0	\$0	\$0
City of Grapevine	5/27/2024	Hail	0	0	\$0	\$0
City of Grapevine	7/10/2019	Thunderstorm Wind	0	0	\$0	\$0
City of Grapevine	10/20/2019	Thunderstorm Wind	0	0	\$0	\$0

Source: The National Center for Environmental Information

Overall Vulnerability

The City of Grapevine identified the following as its greatest vulnerabilities and concerns:

- Grapevine is part of the largest metropolitan area in Tornado Alley and will continue to be threatened by severe weather and tornadoes.
- Flooding around and near Grapevine Lake will threaten public and private property when lake levels rise.

Chapter 4: Capabilities Assessment

(In compliance with 201.6(c)(3))

This capability assessment examines the City's ability to implement and manage a comprehensive mitigation strategy. The jurisdiction's strengths, weaknesses, and resources are identified to develop an effective HazMAP. The capabilities identified in this assessment were evaluated collectively to develop feasible recommendations to support the implementation of effective mitigation activities.

To initiate this assessment, a questionnaire was distributed to the City of Grapevine's LPT. It included questions regarding existing plans, policies, and regulations that contribute to or hinder the ability to implement hazard mitigation activities, including the following: planning and regulatory capabilities, administrative and technical capabilities, financial capabilities, and education and outreach capabilities.

Planning and Regulatory

Planning and regulatory capabilities are the plans, policies, codes, and ordinances that prevent and reduce the impacts of hazards.

Table 19: Assessment of Planning and Regulatory Capabilities of the City of Grapevine

Plan	Does it address hazards? (Y/N)	How can the plan be used to implement mitigation actions?	When was it last updated? When will it be updated next?
Capital Improvement Plan	Y	Can help reduce risk and build community resilience by incorporating hazard mitigation principles into the CIP projects.	
Economic Development Plan	Y	Communication with local businesses, providing them resources and guidance.	
Local Emergency Operations Plan	N	Identifies capabilities and resources available to implement actions.	
Master Drainage Plan	Y	Can reduce risk of flooding.	2000
Transportation Plan	Y	Policies and action items related to pedestrian, cyclist, and motorist safety.	

Table 20: Assessment of the Regulations and Ordinances Capabilities of the City of Grapevine

Regulations and Ordinances	Does this regulation/ ordinance effectively reduce hazard impacts?	Is it adequately administered and enforced?	When was it last updated? When will it be updated next?
Building Code	Y	Y	2021 IBC
Flood Insurance Rate Maps	Y	Y	2016
Floodplain Ordinance	Y	Y	2012
Subdivision Ordinance	Y	Y	2019
Zoning Ordinance	Y	Y	Revised annually
Acquisition of Land for Open Space and Public Recreation Use	Y	Y	Unknown
Fire Department ISO	Rating – 2	Y	Annually
Building Code Effectiveness Grading Schedule (BCEGS) Score	N	N	Unknown
Site Plan Review Requirements	Y	Y	All building reviewed.

Administrative and Technical

Administrative and technical capabilities include staff and their skills. They also include tools that can help you carry out mitigation actions. If you do not have local staff, consider how state and regional partners can help.

Table 21: Assessment of the Administrative Capabilities of the City of Grapevine

Administrative Capability	In Place? (Y/N)	Is staffing adequate?	Is staff trained on hazards and mitigation?	Is coordination between agencies and staff effective?
Chief Building Official	Y	Y	Y	Y
Civil Engineer	Y	Y	Y	Y
Community Planner	Y	Y	Y	Y
Emergency Manager	Y	Y	Y	Y
Floodplain Administrator	Y	Y	Y	Y

Administrative Capability	In Place? (Y/N)	Is staffing adequate?	Is staff trained on hazards and mitigation?	Is coordination between agencies and staff effective?
Geographic Information System (GIS) Coordinator	Y	Y	Y	Y
Planning Commission	Y	Y	Y	Y
CERT (Community Emergency Response Team)	N	N	N	N
Active VOAD (Voluntary Agencies Active in Disasters)	N	N	N	N

Table 22: Assessment of the Technical Capabilities of the City of Grapevine

Technical Capability	In Place? (Y/N)	How has the capability been used to assess/mitigate risk in the past? (Answer or N/A)	How can the capability be used to assess/mitigate risk in the future?
Mitigation Grant Writing	Y	Funding source	Funding source
Hazard Data and Information	Y	Hazard priority determination	Hazard priority determination
GIS	Y	Hazard priority determination	Hazard priority determination
Warning Systems/ Services (e.g., Reverse 911, outdoor warning signals)	Y	Y	Outdoor warning system, Reverse 911, Civic Ready

Financial

Financial capabilities are the resources to fund mitigation actions. Talking about funding and financial capabilities is important to determine what kinds of projects are feasible given their cost. Mitigation actions, such as outreach programs have lower costs and often use staff time and existing budgets. Other actions, such as earthquake retrofits, could require substantial funding from local, state, and federal partners. Partnerships, including those willing to donate land, supplies, cash, or in-kind matches, can be included.

Table 23: Assessment of the Financial Capabilities of the City of Grapevine

Funding Resource	In Place? (Y/N)	Has this funding resource been used in the past and for what types of activities?	Could this resource be used to fund future mitigation actions?	Can this be used as the local cost match for a federal grant?
Capital Improvement Project Funding	Y	Y – CIP projects across departments	Y	Y
General Funds	Y	Y	Y	Y
Hazard Mitigation Grant Program (HMGP/404)	Y	Y	Y	N
Building Resilient Infrastructure & Communities (BRIC)	This is available through the state	N	Y	N
Flood Mitigation Assistance (FMA)	This is available through the state	N	Y	N
Public Assistance Mitigation (PA Mitigation/406)	Available only after federally declared disaster in our county	N	Y	N
Community Development Block Grant (CDBG)	Y	N	Y	N
U.S. Army Corps (USACE) Programs	Y	N	N	N
Property, Sales, Income, or Special Purpose Taxes	Y	N	Y	Y
Stormwater Utility Fee	Y	N	Y	N
Fees for Water and Wastewater Services	Y	N	Y	N
Impact Fees from New Development and Redevelopment	Y	N	N	N

Funding Resource	In Place? (Y/N)	Has this funding resource been used in the past and for what types of activities?	Could this resource be used to fund future mitigation actions?	Can this be used as the local cost match for a federal grant?
General Obligation or Special Purpose Bonds	Y	Y	Y	N

Education and Outreach

Education and outreach capabilities are programs and methods that could communicate about and encourage risk reduction. A participant or a community-based partner may run these programs. Partners, especially those who work with underserved communities, can help identify additional education and outreach capabilities.

Table 24: Assessment of the Education and Outreach Capabilities of the City of Grapevine

Education and Outreach Capability	In Place? (Y/N)	Does this resource currently incorporate hazard mitigation?	Notes
Hazard Awareness Campaigns (such as Firewise, Storm Ready, Severe Weather Awareness Week, School Programs)	Y	Y	Storm Ready community, Public outreach program using Facebook Live, KnowWhat2Do
Public Meetings/Events (Please Describe)	Y	Y	Health Fair
Emergency Management Listserv	Y	Y	Weather notification email list
Local News	Y	Y	Website
Distributing Hard Copies of Notices	Y	Y	Public libraries, door-to-door outreach
Insurance Disclosures/Outreach	N	N	N/A
Organizations that Represent, advocate for, or Interact with Underserved and Vulnerable Communities	Y	Y	Recreation Centers, elderly communities, health fair
Social Media (Please Describe)	Y	Y	Facebook, X, Instagram

Opportunities to Expand and/or Improve Capabilities

Actions that can expand and improve existing authorities, plans, policies, and resources for mitigation include budgeting for mitigation actions, passing policies and procedures for mitigation actions, adopting and implementing stricter mitigation regulations, approving mitigation updates, and making additions to existing plans as new needs are recognized.

Table 25: Capabilities that the City of Grapevine Could Expand or Improve

Capability	Opportunity to Expand and/or Improve?
Planning and Regulations	Continue to identify areas for improvement in planning; would like to develop its own emergency operational plan.
Administrative and Technical	Our ability to achieve our capabilities would be enhanced with additional staff, more training, and additional equipment.
Financial	Additional capacity-building would require additional revenue, grant funding, or free training.
Education and Outreach	Increase awareness of the flood insurance program and ensure that we are using all the tools we have to reach all populations (such as social media, newsletters, water bills, handouts at City facilities, public speaking events) on all hazards, and create consistency in messaging by holding ourselves accountable; increase accountability through regular monthly meetings of EM and Communications to touch base.

Chapter 5: Mitigation Strategy

(In compliance with 201.6(c)(3)(i), 201.6(c)(3)(i), 201.6(c)(3)(ii), 201.6(c)(3)(iv), 201.6(c)(3)(iii), and 201.6(c)(4)(ii))

The mitigation strategy serves as the long-term blueprint for reducing the potential losses identified in the risk assessment. The Stafford Act directs local mitigation plans to describe hazard mitigation actions and establish a strategy to implement those actions.¹ Therefore, all other requirements for a local mitigation plan (or hazard mitigation action plan) lead to and support the mitigation strategy.

Mitigation Goals

The Tarrant County HMPT collectively reviewed the extensive list of mitigation goals of the 2020 HazMAP and unanimously chose to streamline the mitigation goals for this update. Therefore, the new goals are to protect life and reduce bodily harm from natural hazards, and to lessen the impacts of natural hazards on property and the community through hazard mitigation.

2020 Action Items

The City of Grapevine's action items in the 2020 Tarrant County HazMAP were determined by the 2020 LPT. Table 26 lists the action items from the 2020 plan and the status of each action.

Table 26: Status of Actions in the 2020 Plan of the City of Grapevine xxx

Hazard(s) Addressed	Earthquakes, Extreme Heat, Thunderstorms, Tornadoes, Wildfires, Winter Storms
Purchase emergency generators to power new and existing critical facilities, mitigating the effects of power loss to critical infrastructure and allowing continuation of services and government.	
Participating Jurisdiction:	City of Grapevine
Priority:	1
Estimated Cost:	\$100,000
Estimated Benefit:	\$600,000
Potential Funding Source(s):	City budget, Hazard Mitigation Grant Program (HMGP), Pre-Disaster Mitigation (PDM)
Lead Agency/Department Responsible:	Public Works Department
Implementation Schedule:	12 months
Status:	In the process, carry forward to the new plan.

Hazard(s) Addressed	Earthquakes, Thunderstorms, Tornadoes
Implement an individual/residential safe room rebate program.	
Participating Jurisdiction:	City of Grapevine
Priority:	2
Estimated Cost:	\$50,000
Estimated Benefit:	\$300,000
Potential Funding Source(s):	City budget, county funds, Hazard Mitigation Grant Program (HMGP), Pre-Disaster Mitigation (PDM)
Lead Agency/Department Responsible:	Emergency Management Office
Implementation Schedule:	24 months
Status:	Delete, this program has been cancelled.

Hazard(s) Addressed	Earthquakes, Thunderstorms, Tornadoes
Install storm shelter safe rooms for fire department personnel and visitors at new and existing fire stations in the City of Grapevine.	
Participating Jurisdiction:	City of Grapevine
Priority:	3
Estimated Cost:	\$100,000
Estimated Benefit:	\$600,000
Potential Funding Source(s):	City budget, Hazard Mitigation Grant Program (HMGP), Pre-Disaster Mitigation (PDM)
Lead Agency/Department Responsible:	Fire Department
Implementation Schedule:	24 months
Status:	Reword, would find it benefit to retrofit existing and new ones are required to have them in place.

Hazard(s) Addressed	Flooding
Work with the state to conduct a study to determine inundation zones, vulnerability to, and potential impacts of a dam failure and water inundation areas above and below Grapevine Lake.	
Participating Jurisdiction:	City of Grapevine
Priority:	4
Estimated Cost:	\$5,000
Estimated Benefit:	\$30,000
Potential Funding Source(s):	City budget, Hazard Mitigation Grant Program (HMGP), Pre-Disaster Mitigation (PDM)
Lead Agency/Department Responsible:	Emergency Management Office, Geographic Information Systems Department

Hazard(s) Addressed	Flooding
Implementation Schedule:	12 months
Status:	Delete, no longer a priority.

Hazard(s) Addressed	Extreme Heat
Develop an extreme temperature outreach program that provides tips and pertinent information for ensuring the health and safety of employees working outside during extreme temperatures, mitigating medical surge and increased calls for emergency medical service personnel response.	
Participating Jurisdiction:	City of Grapevine
Priority:	5
Estimated Cost:	\$5,000
Estimated Benefit:	\$30,000
Potential Funding Source(s):	Staff time, Hazard Mitigation Grant Program (HMGP), Pre-Disaster Mitigation (PDM)
Lead Agency/Department Responsible:	Risk Management
Implementation Schedule:	12 months
Status:	In progress, carry forward to new plan

Hazard(s) Addressed	Drought, Earthquakes, Extreme Heat, Flooding, Thunderstorms, Tornadoes, Wildfires, Winter Storms
Develop and implement a comprehensive public education program that includes recommended actions to mitigate the impacts of each identified hazard.	
Participating Jurisdiction:	City of Grapevine
Priority:	6
Estimated Cost:	\$5,000
Estimated Benefit:	\$30,000
Potential Funding Source(s):	Staff time, Hazard Mitigation Grant Program (HMGP), Pre-Disaster Mitigation (PDM)
Lead Agency/Department Responsible:	Emergency Management Office
Implementation Schedule:	12 months
Status:	In progress, carry forward to new plan

Hazard(s) Addressed	Drought, Expansive Soils
Implement xeriscaping/water conservation landscaping based upon Texas A&M AgriLife's Earth-Kind project, utilizing drought friendly plants and conserving water for city properties. Public information program will also inform the public and encourage private participation to promote water conservation.	
Participating Jurisdiction:	City of Grapevine
Priority:	7
Estimated Cost:	\$2,000
Estimated Benefit:	\$12,000
Potential Funding Source(s):	Operating budget, Hazard Mitigation Grant Program (HMGP) , Pre-Disaster Mitigation (PDM)
Lead Agency/Department Responsible:	Parks and Recreation Department, Public Works Department
Implementation Schedule:	24 months
Status:	In progress, move to new plan to maintain.

Hazard(s) Addressed	Earthquakes, Expansive Soils, Flooding, Thunderstorms, Tornadoes
Enforce existing building codes which will mitigate future damage and repair costs.	
Participating Jurisdiction:	City of Grapevine
Priority:	8
Estimated Cost:	\$0
Estimated Benefit:	\$0
Potential Funding Source(s):	Staff time
Lead Agency/Department Responsible:	Development Services
Implementation Schedule:	36 months
Status:	In progress, updated to 2021 but would like to update to 2024.

New Mitigation Action Items

The City of Grapevine's action items were determined by the LPT for the 2025 HazMAP. These include mitigation actions that qualify for mitigation funding and enforcement, maintenance, and response actions that the City has identified as opportunities to increase its resilience to hazards.

During the capabilities assessment and hazard analysis, previously impacted assets and populations were analyzed to determine the highest probability of damage and potential loss of life per hazard. As \$1

spent in mitigation saves a community an average of \$6 in recovery,³ the LPT used these data to develop a cost–benefit analysis: Estimated Cost × 6 = Estimated Benefit.

Priority will be assigned to projects with the greatest positive impact on community resilience, including life safety and property protection. Table 27 lists the action items for this HazMAP.

³ National Institute of Building Sciences, "Natural Hazard Mitigation Saves 2019 Report," https://www.nibs.org/files/pdfs/NIBS_MMC_MitigationSaves_2019.pdf

Table 27: 2025 Mitigation Actions for the City of Grapevine

2025 Mitigation Action	Hazard(s) Addressed	Priority	Timeline	Agency or Department Responsible	Estimated Cost	Estimated Benefit	Funding Source(s)
Develop and implement a comprehensive public education program that includes recommended actions to mitigate the impacts of each identified hazards.	All Hazards	3	12 months	Emergency Management Agency	\$5,000	\$30,000	Staff time
Install chair lifts at each multi-level city facility to enable the evacuation of occupants with mobility issues	Tornadoes, Wildfires	1	24 months	Risk Management Office	\$100,000	\$600,000	Hazard Mitigation Grant Program (HMGP), FEMA
Identify and apply appropriate signage that identifies sheltering locations in city facilities	Thunderstorms, Tornadoes	2	12 months	Emergency Management Agency	\$2,000	\$12,000	General Fund
Enforce existing building codes which will mitigate future damage and repair costs	All hazards	4	Ongoing	Development Services Department	No direct cost		Staff time
Develop an extreme temperature outreach program that provides tips and pertinent information for ensuring the health and safety of employees working outside during extreme temperatures, mitigating medical surge and increased calls for EMS personnel response.	Extreme Heat	6	12 months	Risk Management Office	\$5,000	\$30,000	Staff time
Determine inundation areas above and below Grapevine Lake.	Flooding	5	24 months	Emergency Management Agency/ Geographic Information Systems	\$5,000	\$30,000	Operating Budget

TARRANT COUNTY HAZARD MITIGATION ACTION PLAN

2025 Mitigation Action	Hazard(s) Addressed	Priority	Timeline	Agency or Department Responsible	Estimated Cost	Estimated Benefit	Funding Source(s)
Purchase emergency generators to power new and existing critical facilities, mitigating the effects of power loss to critical infrastructure and allowing continuation of services and government.	Earthquakes, Extreme Heat, Thunderstorms, Tornadoes, Wildfires, Winter Storms	6	12 months	Public Works Department	\$100,000	\$600,000	City budget, HMGP, Pre-Disaster Mitigation (PDM)
Retrofit and install storm saferooms for identified infrastructure in community	Tornadoes, Thunderstorms, Earthquakes	7	24 months	Fire Department	\$100,000	\$600,000	City budget, HMGP, PDM
Develop an extreme temperature outreach program that provides tips and pertinent information for ensuring the health and safety of employees working outside during extreme temperatures, mitigating medical surge and increased calls for emergency medical service personnel response.	Extreme Heat	8	12 months	Risk Management	\$5,000	\$30,000	City budget, HMGP, PDM
Develop and implement a comprehensive public education program that includes recommended actions to mitigate the impacts of each identified hazard.	All-hazards	9	12 months	Emergency Management Office	\$5,000	\$30,000	City budget, HMGP, PDM
Implement xeriscaping/water conservation landscaping based upon Texas A&M AgriLife's Earth-Kind project, utilizing drought friendly plants and conserving water for city properties. Public information program will also inform the	Drought, Expansive Soils	10	24 months	Parks and Recreation Department, Public Works Department	\$2,000	\$12,000	City budget, HMGP, PDM

2025 Mitigation Action	Hazard(s) Addressed	Priority	Timeline	Agency or Department Responsible	Estimated Cost	Estimated Benefit	Funding Source(s)
public and encourage private participation to promote water conservation.							
Enforce existing building codes which will mitigate future damage and repair costs.	All Hazards	11	36 months	Development Services	\$0	\$0	Staff Time
Add Flood protection such as berms, floodwalls or floodproofing in inundation zones	Dam Failure	12	3–5 years	Office of Emergency Management	\$500,000	\$3.0M	City Budget, HMGP, High Hazard Potential Dam Grant (HHPD)
Elevate Critical Infrastructure in inundation zones	Dam Failure	13	5–7 years	Office of Emergency Management	\$1.0M	\$6.0M	City Budget, HMGP, HHPD

Incorporating the Plan into Existing Planning Mechanisms

Based on Requirement 201.6(c)(4)(ii) and the State of Texas Mitigation Plan, the vulnerability and capabilities assessments for the City were carefully reviewed and considered when developing the mitigation actions for this plan. The LPT will establish a process in which the mitigation strategy, goals, objectives, and actions outlined in this plan will be incorporated into the existing local planning strategies. Once the plan is adopted, the LPT will coordinate implementation with the responsible parties in the city and external stakeholders as needed.

Steps for Implementing This HazMAP into Local Plans

- Change is proposed by an elected official or other interested party.
- The proposal is placed on the local agenda of the governing body.
- The agenda is published at least 10 days in advance of the meeting at which it will be discussed, so members of the public have an opportunity to attend the discussion meeting. Publication may be made by posting the agenda on the City's website, in the City newsletter, or on a public bulletin board.
- The proposal is discussed at the public meeting, including any comments by members of the public attendance.
- The proposal is voted on by the governing body.
- If the proposal is passed, the change is implemented by the appropriate local authority.

Integration into Local Planning Mechanisms

Incorporating the underlying principles of the HazMAP and its recommendations into other plans is a highly effective and low-cost way to expand their influence. All plan participants will use existing methods and programs to implement hazard mitigation actions where possible. As previously stated, mitigation is most successful when it is incorporated into the day-to-day functions and priorities of government and public service. This plan builds on the momentum developed through previous and related planning efforts and mitigation programs, and it recommends implementing actions, where possible, through these other program mechanisms. These existing mechanisms include:

- Regularity Capabilities
- Administrative Capabilities
- Fiscal Capabilities

The respective planning authorities will conduct implementation and incorporation into existing planning mechanisms through the routine actions of:

- Monitoring other planning/program agendas;
- Attending other planning/program meetings;

- Participating in other planning processes; and
- Monitoring community budget meetings for other community program opportunities.

The successful implementation of this mitigation strategy will require constant and vigilant review of existing plans and programs for coordination and multi-objective opportunities that promote a safe, sustainable community. Regular efforts should be made to monitor the progress of mitigation actions implemented through other planning mechanisms. Where appropriate, priority actions should be incorporated into HazMAP updates. Existing planning mechanisms in which the HazMAP will be integrated are listed in Table 28.

Table 28: Types of Plans That the City of Grapevine Can Use for Mitigation Actions

Type of Plan	Department Responsible	Integration Method
Capital Improvement Project Plans	Finance Department, Parks and Recreation Department	Addition of projects into capital improvement budget.
Drainage Master Plan	Public Works Department	City leadership and public works staff will review identified mitigation action items and consider plan revision as necessary to address them.

Although there are many possible benefits to integrating components of this HazMAP into other planning mechanisms, the LPT considers this HazMAP, including development and maintenance, to be the primary vehicle to ensure the implementation of local hazard mitigation actions. The successful implementation of this mitigation strategy will require constant and vigilant review of existing plans and programs for coordination and multi-objective opportunities that promote a safe, sustainable community. Efforts should continuously be made to monitor the progress of mitigation actions implemented through other planning mechanisms. Where appropriate, priority actions should be incorporated into Hazard Mitigation Plan updates.

Continued Public Involvement

Continued public involvement is imperative to the overall success of the plan's implementation. The update process provides an opportunity to solicit participation from new and existing stakeholders, publicize mitigation success stories, and seek additional public comment. The plan maintenance and update process will include continued public and stakeholder involvement and input through attendance at designated committee meetings, web postings, press releases to local media, and public hearings.

PUBLIC INVOLVEMENT PROCESS FOR ANNUAL REVIEWS

The public will be notified using the City website or any other publicly accessible social platform (e.g., local newspaper, Facebook, Twitter) well in advance of any public meetings or comment periods.

PUBLIC INVOLVEMENT IN FIVE-YEAR UPDATES

When the LPT reconvenes for the five-year update, it will coordinate with all stakeholders participating in the planning process—including those who joined the committee since the planning process began—to update and revise the plan. In reconvening, the LPT will develop a plan for public involvement and will be responsible for disseminating information through various media channels detailing the plan update process. As part of this effort, public meetings will be held, and public comments will be solicited on the plan update draft.

This completes the annex for the City of Grapevine. For additional information, see Appendices A and B.

MEMO TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: BRUNO RUMBELOW, CITY MANAGER ^{BR}

MEETING DATE: JANUARY 6, 2026

SUBJECT: PURCHASE OF AUDIOVISUAL EQUIPMENT UPGRADES FOR CITY HALL

RECOMMENDATION: City Council to consider approval for the purchase for audiovisual upgrades for City Hall from Digital Resources, Inc. for the IT Department.

FUNDING SOURCE: Funds are available in the Special Revenue Fund (PEG Fees) for an amount not to exceed \$155,913.

BACKGROUND: This purchase is intended to replace the audiovisual equipment in both the City Hall Council Chambers and the Planning and Zoning Conference Room. The current equipment, which is nearly eight years old, has reached the end of its useful life and requires replacement. The scope of this upgrade includes replacing the 18 microphones and monitors on the Council dais, as well as all AV components housed in the equipment rack in Information Technology's control room that manages audio and visual functions during council meetings.

This purchase will be made in accordance with an existing interlocal agreement with the Region VIII Education Service Center known as The Interlocal Purchasing System (TIPS) in Texas as allowed by Texas Local Government Code, Chapter 271 and Texas Government Code, Chapter 791.

Bids were taken by the cooperative, and contracts were awarded to Digital Resources, Inc. The IT and Purchasing staff reviewed the contract for departmental specification compliance and pricing and determined that the contract would provide the best product and pricing for meeting the needs of the City.

Fees from the Public, Educational, and Governmental (PEG) program will be used for this expense.

Staff recommends approval.

AP/LW

MEMO TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: BRUNO RUMBELOW, CITY MANAGER ^{BR}

MEETING DATE: JANUARY 6, 2026

SUBJECT: APPROVAL OF PUBLIC MEETING STREAMING AND ARCHIVING SERVICES

RECOMMENDATION: City Council to consider an annual contract for AgendaLink platform, along with managed remote production, recording and streaming services of public meetings, and live closed captioning of public meetings with Digital Resources, Inc.

FUNDING SOURCE: Funds are available in the Special Revenue Fund (Peg Fees) for an estimated amount of \$41,839.

BACKGROUND: Currently, the City uses Digital Resources, Inc. to live stream and archive the videos of the City Council, Planning and Zoning Commission, and Historic Preservation meetings. During those meetings, Digital Resources, Inc. manages the cameras and provides closed captioning on the screens in the Council Chambers and on the video archived on the City's website.

The original contract also included the implementation of the AgendaLink platform that will allow staff to create agendas, minutes, staff memos, and compile the meeting packets in one software. Implementation of this software is scheduled for 2026.

This purchase will be made in accordance with Region VIII Education Service Center known as The Interlocal Purchasing System (TIPS) as allowed by Texas Local Government Code, Chapter 271 and Texas Government Code, Chapter 791.

Bids were taken by the Cooperative, and a contract was awarded to Digital Resources, Inc. The IT Department and Purchasing staff reviewed the contract for departmental specification compliance and pricing and determined that the contract would provide the best product and pricing for meeting the needs of the City.

Fees from the Public, Educational, and Governmental (PEG) program will be used for this expense.

Staff recommends approval.

Presented By:

Digital Resources Inc

2107 Greenbriar Drive
Suite B
Southlake, TX 76092 US
(817) 481-9300
www.digitalresources.com



Leading AV Design and Integration

HUB Business ID: 2005124528

C.D.S. License Renewal for City Council

City of Grapevine

Alvsia Perales

anerales@grapevintexas.gov
200 Main St
Grapevine, Texas 76051
817-410-3336

Sales Rep: Jeff Marler
Valid For: 30 Days
Revision: 3
Date: 12/9/2025
Terms: Net 30

Co-Op

TIPS CONTRACT: 230105
Technology Solutions Products and Services
End Date: May-31-2028

1	Cloud Driven Solutions AGENDALINK 1YR. LICENSE AgendaLink is the modern cloud based meeting/agenda management platform with features such as processes, tasks, live meeting management, sharing, public portal, citizen engagement, and more.	\$1,845.00	\$1,845.00
1	Cloud Driven Solutions AgendaLink Advanced Support Advanced Support Services	\$4,995.00	\$4,995.00
1	Cloud Driven Solutions Fully Managed Remote Production, Recording, Streaming for up to50 meetings a year. - Layout Changes - DynamicLower Thirds - Integrated real-time Agenda Info - Camera controls - Remove AV Assistance - Management of re	\$34,999.00	\$34,999.00

Unassigned Total **\$41,839.00**

Project Subtotal: **\$41,839.00**

ITEM #9

QUOTE SUMMARY

Equipment:	\$41,839.00
Grand Total:	\$41,839.00

Scope of Work:

C.D.S. License Renewal

Work Delays:

This installation proposal is based on continuous, uninterrupted work during standard business hours, with the job site clear of debris and free from delays caused by other trades. If DRI's scheduled mobilization is canceled on short notice due to circumstances beyond our control, a remobilization fee of \$900 per occurrence will apply. DRI will make every reasonable effort to accommodate rescheduling when feasible.

Warranty:

Warranty Overview

- Our certified installation work is backed by a 1-year on-site workmanship warranty.
- All new equipment provided includes a minimum 1-year manufacturer's warranty.
- We offer free telephone support and will respond to service requests within 48 hours.
- Warranty service includes repair or replacement of defective equipment, or the provision of equivalent loaner units when applicable.

Important Warranty Terms

- All equipment issues are subject to the manufacturer's warranty policies, which may or may not include on-site labor.
 - If our technician determines that an issue is not related to installation workmanship, standard service rates will apply.
 - On-site labor for inspection, troubleshooting, removal, or installation of equipment is not covered under warranty.
 - Freight charges for warranty-related returns or repairs will be billed accordingly.
- We are committed to delivering responsive, high-quality service. Should you be interested in additional coverage or prioritized support, please contact us to discuss our Service Level Agreement (SLA) options.

Reference Quote # DRI-7151 Client PO#: _____ Print Name: _____ Title: _____

Client: Alysia Perales Date: _____

Customer Approval:

Please sign above as an authorized agent, approving the products and services proposed. By signing OR emailing your approval, you agree to Digital Resources standard terms and conditions, along with the conditions set forth as written in this proposal. Partial shipments will be shipped and invoiced unless noted otherwise. Taxes and shipping charges will be invoiced separately. Final scope of work and engineering may provide for a change in fees or services which you agree to upon approving this order. If any additional insurance endorsements are required, an additional fee will be added to the scope and total contract price.

*** Purchase will be taxable according to state / local tax laws for point of delivery. Unless information is completed below.*

NO _____ Tax ID # _____ (A Sales Tax Exempt Form Must Be On File)

Email To: orders@digitalresources.com

Thank you for your business!

MEMO TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: BRUNO RUMBELOW, CITY MANAGER **BR**

MEETING DATE: JANUARY 6, 2026

SUBJECT: RENEWAL OF NETMOTION COMPLETE CLOUD HOSTING FOR THE POLICE DEPARTMENT

RECOMMENDATION: City Council to consider the approval of the renewal of NetMotion complete cloud hosting from Mobile Wireless for the Police Department.

FUNDING SOURCE: Funds are available in the Crime Control and Prevention Fund for an amount not to exceed \$33,250.

BACKGROUND: This purchase is for NetMotion, a secure virtual network connection that allows public safety users and devices, not on premises, the ability to connect to the public safety network and access information. NetMotion is necessary to maintain CJIS compliance.

This purchase will be made in accordance with an existing interlocal agreement with The Texas Department of Information Resources (DIR) as allowed by Texas Local Government Code, Chapter 271 and Texas Government Code, Chapter 791. If approved, this will be the fourth renewal available.

Bids were taken by the Cooperative, and a contract was awarded to Mobile Wireless. The IT Department and Purchasing staff reviewed the contract for departmental specification compliance and pricing and determined that the contract would provide the best product and pricing for meeting the needs of the City.

Staff recommends approval

CG/LW

MEMO TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: BRUNO RUMBELOW, CITY MANAGER *BZ*

MEETING DATE: JANUARY 6, 2026

SUBJECT: PURCHASE FOR REMOVAL AND REPLACEMENT OF A NEW DIVING BOARD

RECOMMENDATION: City Council to consider approval for the purchase of the removal and replacement of a diving board at Dove Waterpark from Sunbelt Pools for the Parks and Recreation Department.

FUNDING SOURCE: Funds are available in the Permanent Capital Maintenance Fund (Parks & Recreation) for an amount not to exceed \$28,300.

BACKGROUND: The existing diving board and supporting framework are original to Dove Waterpark and have been in continuous use for the past 13 years. Due to age, exposure to pool chemicals, and repeated high-impact use, the current system has reached the end of its useful life.

The proposed purchase includes a new commercial-grade diving board and the full replacement of the supporting framework. Replacement of both components is necessary to ensure structural integrity, code compliance, and safe operation.

This replacement is a proactive investment in patron safety and risk mitigation and provides a complete, durable system designed for high-use public aquatic facilities. Replacing the board and framework together is the most cost-effective and responsible approach and is expected to provide at least a decade of safe, reliable service.

This purchase will be made in accordance with an existing interlocal agreement with The Local Government Purchasing Cooperative (Buy Board) as allowed by Texas Local Government Code, Chapter 271 and Texas Government Code, Chapter 791.

Bids were taken by the Cooperative, and a contract was awarded to Sunbelt Pools. The Parks and Recreation Department and Purchasing staff reviewed the contract for departmental specification compliance and pricing and determined that the contract would best meet the needs of the City.

Staff recommends approval.

TK/LW

STATE OF TEXAS
COUNTY OF TARRANT
CITY OF GRAPEVINE

The City Council of the City of Grapevine, Texas met in Regular Session on this the 16th day of December, 2025 in the City Council Chambers, Second Floor, 200 South Main Street, with the following members present:

William D. Tate	Mayor
Paul Slechta	Mayor Pro Tem
Sharron Rogers	Council Member
Chris Coy	Council Member
Duff O'Dell	Council Member
Leon Leal	Council Member
Sean Shope	Council Member

constituting a quorum, and with the following members of the Planning and Zoning Commission:

Larry Oliver	Chairman
Beth Tiggelaar	Vice Chairman
Traci Hutton	Member
Jason Parker	Member
Kirby Kercheval	Member
Justin Roberts	Member
Ashley Anderson Brown	Member
Gustav Kuelbs	Alternate Member
Herb Fry	Alternate Member

constituting a quorum, and with the following members of the City Staff:

Bruno Rumbelow	City Manager
Jennifer Hibbs	Assistant City Manager
Matthew C.G. Boyle	City Attorney
Erica Marohnic	Planning Services Director
Tara Brooks	City Secretary

Item 1. Call to Order

Mayor William D. Tate called the regular meeting to order at 7:30 p.m.

Item 2. Invocation and Pledge of Allegiance

Council Member Sean Shope gave the invocation and led the Pledge of Allegiance.

JOINT PUBLIC HEARINGSItem 2. Conditional Use Permit **CU25-43** and Planned Development Overlay **PD25-05** (McMillian James Equipment Company)

Mayor Tate declared the public hearing open.

Planning Services Director Erica Marohnic updated the Commission and Council of the previous requests for this property and the current request to amend the previously approved conditional use permit CU19-09 (Ordinance No. 2019-026) of a planned business park, which included an office/warehouse building on the property located at 1044 Texan Trail; and to amend the previously approved conditional use permit CU05-26 (Ordinance No. 2005-046) for a planned business park on the property located at 1026 Texan Trail. This request for conditional use permit CU25-43 is to amend the previously approved site plans as sited by shifting the existing lot line between Lots 3R and 5R in order to move 19 existing parking spaces from 1026 Texan Trail to 1044 Texan Trail. The applicant is also requesting a planned development overlay PD25-05 for 1044 Texan Trail (Lot 5R, Block 1 Grapevine Station Addition) to deviate from minimum required parking. The subject property is currently zoned "BP", Business Park District.

Applicant representative Patrick Hazard with Merriman Anderson Architects outlined the company's growth and explained the need for the increase in office space, He also explained the sufficiency of the number of parking spaces.

Applicant owner Robert McMillian answered questions from the Commission and Council.

Director Marohnic answered questions from Council.

No one spoke during the public hearing and there was not any correspondence to report.

Motion was made to close the public hearing.

Motion: Parker
 Second: Hutton
 Ayes: Oliver, Tiggelaar, Hutton, Parker, Kercheval, Roberts, and Anderson Brown
 Nays: None
 Approved: 7-0

Motion was made to close the public hearing.

Motion: Coy
 Second: Slechta
 Ayes: Tate, Slechta, Rogers, Coy, O'Dell, Leal, and Shope
 Nays: None
 Approved: 7-0

With no other joint hearing items on the agenda, the Planning and Zoning Commission recessed to the Planning and Zoning Commission Conference Room, Second Floor, to consider their published agenda items.

City Council remained in session in the Council Chambers to consider the remaining items on their published agenda.

Item 3. Citizen Comments

Joy Kajiwara, 915 Wildwood Lane, Grapevine described issues building a home on their property due to a utility easement and requested assistance from the City.

Ric Clark, 2603 Lone Star Lane, Grapevine thanked the Parks and Recreation staff for the Active Adult Annual Christmas Party that was held on December 15. Mr. Davis specifically praised the Parks and Recreation staff including Chris Smith, Trent Kelley, Megan Varner, Andrew Yuhanna, Sherard Williams, Rachel Corn, Dawn Perry, Kaye Taylor, Nancy Horvath, Steve Feeny, Larry McKenzie, Larry Bird, Jennifer Kasher, and Natasha Gale. Mr. Clark also thanked Council Member Duff O'Dell and Assistant City Manager Jennifer Hibbs for their dedication to the City.

NEW BUSINESS

Item 4. Consider a construction contract for improvements to the Minnow Loop parking area with PaveCon, Ltd., and take any necessary action.

Parks and Recreation Director Chris Smit outlined the work that will be completed as part of the Minnow Loop parking area project, including the installation of boulders around the perimeter of the area, completion of a fire lane, creation of emergency access for public safety response, 45 new parking spaces, the limitation of parking in the natural grass area and the installation of gates to limit parking outside of events and tournaments times. The proposed project cost is not to exceed \$275,755.33.

Council discussed this item and Director Smith answered questions.

Motion was made to approve a construction contract for improvements to the Minnow Loop parking area with PaveCon, Ltd.

Motion: Coy
 Second: Rogers
 Ayes: Tate, Slechta, Rogers, Coy, O'Dell, Leal, and Shope
 Nays: None
 Approved: 7-0

Mayor Tate announced that Council would consider the recommendations from the Planning and Zoning Commission next.

PLANNING AND ZONING COMMISSION RECOMMENDATIONS

Item 15. Conditional Use Permit **CU25-43** (McMillian James Equipment Company)

Chairman Larry Oliver reported the Commission approved the conditional use permit with a vote of 7-0.

Motion was made to approve Conditional Use Permit **CU25-43** McMillian James Equipment Company and **Ordinance No. 2025-088**.

Motion: Coy
 Second: Slechta
 Ayes: Tate, Slechta, Rogers, Coy, O'Dell, Leal, and Shope
 Nays: None
 Approved: 7-0

ORDINANCE NO. 2025-088

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF GRAPEVINE, TEXAS ISSUING CONDITIONAL USE PERMIT CU25-43 TO AMEND THE PREVIOUSLY APPROVED SITE PLAN CU05-26 (ORDINANCE NO. 2005-046) AND CU19-09 (ORDINANCE NO. 2019-026) FOR A PLANNED BUSINESS PARK TO ALLOW FOR THE CONSTRUCTION OF AN OFFICE BUILDING AND AN OFFICE/WAREHOUSE BUILDING ON TWO LOTS; TO REVISE THE COMMON NORTHERN LOT LINE OF LOT 5R, BLOCK 1 (1044 TEXAN TRAIL) NORTHWARD, TRANSFERRING 19 EXISTING PARKING SPACES OR 4,541 SQUARE FEET OF AREA FROM LOT 3R, BLOCK 3 (1026 TEXAN TRAIL) TO BLOCK 1, LOT 5R, GRAPEVINE STATION ADDITION (1044 TEXAN TRAIL) IN A DISTRICT ZONED "BP", BUSINESS PARK DISTRICT ALL IN ACCORDANCE WITH A SITE PLAN APPROVED PURSUANT TO SECTION 47 OF ORDINANCE NO. 82-73 AND ALL OTHER CONDITIONS, RESTRICTIONS AND SAFEGUARDS IMPOSED HEREIN; CORRECTING THE OFFICIAL ZONING MAP; PRESERVING ALL OTHER PORTIONS OF THE ZONING ORDINANCE; PROVIDING A CLAUSE RELATING TO SEVERABILITY; DETERMINING THAT THE PUBLIC INTERESTS, MORALS AND GENERAL WELFARE DEMAND THE ISSUANCE OF THIS CONDITIONAL USE PERMIT; PROVIDING A PENALTY NOT TO EXCEED THE SUM OF TWO THOUSAND DOLLARS (\$2,000.00); DECLARING AN EMERGENCY AND PROVIDING AN EFFECTIVE DATE

Item 16. Planned Development Overlay **PD25-05** (McMillian James Equipment Company)

Chairman Oliver reported the Commission approved the planned development overlay with a vote of 7-0.

Motion was made to approve the **PD25-05** (McMillian James Equipment Company) and **Ordinance No. 2025-089**.

Motion: O'Dell
 Second: Rogers
 Ayes: Tate, Slechta, Rogers, Coy, O'Dell, Leal, and Shope
 Nays: None
 Approved: 7-0

ORDINANCE NO. 2025-089

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF GRAPEVINE, TEXAS ISSUING PLANNED DEVELOPMENT OVERLAY PD25-05 TO DEVIATE FROM, BUT NOT BE LIMITED TO, A REDUCTION IN MINIMUM REQUIRED PARKING AS LISTED IN SUBSECTION K, OFF-STREET PARKING IN SECTION 32, "BP", BUSINESS PARK DISTRICT, AND SECTION 56, OFF-STREET PARKING REQUIREMENTS OF THE COMPREHENSIVE ZONING ORDINANCE, NO. 82-73 FOR LOT 5R, BLOCK 1, GRAPEVINE STATION ADDITION (1044 TEXAN TRAIL) ALL IN ACCORDANCE WITH A SITE PLAN APPROVED PURSUANT TO SECTION 47 OF ORDINANCE NO. 82-73 AND ALL OTHER CONDITIONS, RESTRICTIONS AND SAFEGUARDS IMPOSED HEREIN; CORRECTING THE OFFICIAL ZONING MAP; PRESERVING ALL OTHER PORTIONS OF THE ZONING ORDINANCE; PROVIDING A CLAUSE RELATING TO SEVERABILITY; DETERMINING THAT THE PUBLIC INTERESTS, MORALS AND GENERAL WELFARE DEMAND THE ISSUANCE OF THIS PLANNED DEVELOPMENT OVERLAY PERMIT; PROVIDING A PENALTY NOT TO EXCEED THE SUM OF TWO THOUSAND DOLLARS (\$2,000.00); DECLARING AN EMERGENCY AND PROVIDING AN EFFECTIVE DATE

Item 17. Zoning Change Application **Z25-06** (1109 Airline Drive)

The public hearing relative to an application submitted by the City of Grapevine requesting to rezone one lot, being 0.23 acres, from the "PO", Professional Office District to the "R-7.5", Single-Family Residential District was held on October 21, 2025. Consideration of the Planning and Zoning Commission recommendation and **Ordinance No. 2025-077** were tabled to this meeting.

The applicant requested to table further consideration to the March 17, 2026 Joint Meeting.

City Attorney Matthew C.G. Boyle answered questions from City Council.

Motion was made to table Zoning Change Application **Z25-06** (1109 Airline Drive) and **Ordinance No. 2025-077** to the March 17, 2026 Joint Meeting per the request of the applicant.

Motion: Rogers
 Second: Slechta
 Ayes: Tate, Slechta, Rogers, Coy, O'Dell, Leal, and Shope
 Nays: None
 Approved: 7-0

City Council considered the consent agenda items next.

CONSENT AGENDA

Consent items are deemed to need little Council deliberation and were acted upon as one business item. Any member of the City Council or member of the audience may request that an item be withdrawn from the consent agenda and placed before the City Council for full discussion. No one requested to remove any of the items from the consent agenda.

Approval of the consent agenda authorizes the City Manager, or his designee, to implement each item in accordance with Staff recommendations.

Item 5. Consider the sole source purchase of Knox Key Secure Systems from Knox Associates Inc.

Fire Chief Darrell Brown recommended approval of the purchase of 17 Knox Key Secure systems to upgrade existing apparatus for an amount not to exceed \$25,004.

Motion was made to approve the consent agenda.

Motion: O'Dell
 Second: Slechta
 Ayes: Tate, Slechta, Rogers, Coy, O'Dell, Leal, and Shope
 Nays: None
 Approved: 7-0

Item 6. Consider a firework permit for the Harrison Celebration of Life at Paradise Cove on Friday, December 19, 2025.

Fire Chief Brown recommended approval of a firework permit for an event to held at Paradise Cove at Lake Grapevine on December 19 for the Harrison Celebration of Life.

Motion was made to approve the consent agenda.

Motion: O'Dell
 Second: Slechta
 Ayes: Tate, Slechta, Rogers, Coy, O'Dell, Leal, and Shope
 Nays: None
 Approved: 7-0

Item 7. Consider the renewal of an annual contract for book leasing services with the Brodart Company.

Library Director Leigh Kapsos recommended approval of the renewal of the annual contract for book leasing services for an annual amount not to exceed \$32,451.

Motion was made to approve the consent agenda.

Motion: O'Dell
 Second: Slechta
 Ayes: Tate, Slechta, Rogers, Coy, O'Dell, Leal, and Shope
 Nays: None
 Approved: 7-0

Item 8. Consider the renewal of annual sole source contracts for public safety radio maintenance with the Cities of North Richland Hills and Colleyville.

Police Chief Mike Hamlin recommended approval of the renewal of the annual sole source contracts with the City of North Richland Hills to coordinate the maintenance contract with Motorola and the City of Colleyville to maintain the radio infrastructure for a combined total estimated amount of \$232,800.

Motion was made to approve the consent agenda.

Motion: O'Dell
 Second: Slechta
 Ayes: Tate, Slechta, Rogers, Coy, O'Dell, Leal, and Shope
 Nays: None
 Approved: 7-0

Item 9. Consider an interlocal agreement for the City of Grapevine Police Department to provide detention services for the City of Roanoke.

Police Chief Hamlin recommended approval of an interlocal agreement to provide detention services for the City of Roanoke. Roanoke will pay \$94,771 annually for the booking of arrestees and \$50,000 for their transportation.

Motion was made to approve the consent agenda.

Motion: O'Dell
 Second: Slechta
 Ayes: Tate, Slechta, Rogers, Coy, O'Dell, Leal, and Shope
 Nays: None
 Approved: 7-0

Item 10. Consider the purchase of decorative light poles and fixtures from Dealers Electrical Supply.

Public Works Director Bryan Beck recommended approval of the purchase of decorative light poles and fixtures to replace poles at the intersection of William D. Tate Avenue and

State Highway 114 and the intersection of Texan Trail and State Highway 114 for an amount not to exceed \$24,090.

Motion was made to approve the consent agenda.

Motion: O'Dell
 Second: Slechta
 Ayes: Tate, Slechta, Rogers, Coy, O'Dell, Leal, and Shope
 Nays: None
 Approved: 7-0

Item 11. Consider the renewal of Request for Bid 05-24 annual contract for directional drilling services with Predur Underground Construction, Inc.

Public Works Director Beck recommended approval of the renewal of the annual contract for directional drilling services for utility projects and fiber optic conduit installations throughout the City for an annual estimated amount of \$150,000.

Motion was made to approve the consent agenda.

Motion: O'Dell
 Second: Slechta
 Ayes: Tate, Slechta, Rogers, Coy, O'Dell, Leal, and Shope
 Nays: None
 Approved: 7-0

Item 12. Consider the payment of the annual Texas Commission on Environmental Quality Water System Fee.

Public Works Director Beck recommended approval of the annual payment of \$62,421 required by the Texas Commission on Environmental Quality to operate the Water Treatment Plant.

Motion was made to approve the consent agenda.

Motion: O'Dell
 Second: Slechta
 Ayes: Tate, Slechta, Rogers, Coy, O'Dell, Leal, and Shope
 Nays: None
 Approved: 7-0

Item 13. Consider an engineering contract for the Water and Wastewater Impact Fee Update with Freese and Nichols, Inc. and **Ordinance No. 2025-087** appropriating the funds.

Public Works Director Beck recommended approval of the engineering contract for an estimated amount of \$170,000 to review the Water and Wastewater Impact Fee Update as required by State law. The proposed ordinance will appropriate the funds in the Utility Enterprise Fund.

Motion was made to approve the consent agenda.

Motion: O'Dell
Second: Slechta
Ayes: Tate, Slechta, Rogers, Coy, O'Dell, Leal, and Shope
Nays: None
Approved: 7-0

ORDINANCE NO. 2025-087

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF GRAPEVINE, TEXAS, AUTHORIZING THE APPROPRIATION OF \$170,000 IN THE UTILITY ENTERPRISE FUND; DECLARING AN EMERGENCY AND PROVIDING AN EFFECTIVE DATE

Item 14. Consider the minutes of the December 2, 2025 Regular City Council meeting.

City Secretary Tara Brooks recommended approval of the minutes as provided.

Motion was made to approve the consent agenda.

Motion: O'Dell
Second: Slechta
Ayes: Tate, Slechta, Rogers, Coy, O'Dell, Leal, and Shope
Nays: None
Approved: 7-0

ADJOURNMENT

Motion was made to adjourn the meeting at 8:06 p.m.

Motion: Coy
Second: Slechta
Ayes: Tate, Slechta, Rogers, Coy, O'Dell, Leal, and Shope
Nays: None
Approved: 7-0

Passed and approved by the City Council of the City of Grapevine, Texas on this the 6th day of January, 2026.

APPROVED:

William D. Tate, Mayor

ATTEST:

Tara Brooks, City Secretary