SB 3 Project Plan Phase 1

Burnet County, Texas

October 14, 2026

Prepared By:

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I. Introduction and Purpose

Burnet County is undertaking the planning and development of a comprehensive Outdoor Warning Siren System (OWSS) to enhance public safety and improve flood warning capabilities throughout the County. The planning service area encompasses all of Burnet County, including unincorporated areas, incorporated municipalities, and other applicable governmental jurisdictions within the County. System planning and coordination are expected to include Burnet County; the cities of Burnet, Marble Falls, Bertram, Granite Shoals, Highland Haven, and Meadowlakes; and relevant entities such as the Lower Colorado River Authority (LCRA), Texas Department of Transportation (TxDOT), and local emergency management and response agencies.

The study will establish the technical, operational, and interlocal framework for a targeted, risk-based deployment strategy consistent with SB3. TWDB-identified flash flood risk areas, as represented in PFFRA mapping and refined through local analysis, will inform the evaluation of warning needs and initial implementation priorities. These priority areas do not limit the planning service area. Final recommendations will address countywide warning needs, including areas outside the initial implementation priorities, and identify opportunities for phased deployment, future expansion, and coordination across jurisdictional boundaries.

This effort will define service areas, identify optimal siren locations, recommend monitoring and activation technologies, and formalize implementation and operational partnerships to support TWDB review and approval for advance funding and reimbursement. The planning phase is intended to produce a defensible, data-driven framework that positions Burnet County to deploy a system that prioritizes outdoor life safety, focused on warning individuals in high-risk flash flood areas consistent with SB3 guidance.

This project will consider primarily outdoor exposure risks, including recreational areas and transient populations, consistent with SB3's emphasis on protecting individuals outdoors with limited warning time.

Currently, warning dissemination relies heavily on:

- National Weather Service alerts
- Mobile device notifications
- Emergency messaging systems

However, many rural and vulnerable areas lack sufficient audible or visual warning infrastructure. An outdoor warning and siren system, integrated with real-time hydrologic triggers will:

- Provide redundant and reliable public notification

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- Reduce flood-related loss of life and property
- Support coordinated emergency management operations

This project will consider primarily outdoor exposure risks, including recreational areas and transient populations, consistent with SB3's emphasis on protecting individuals outdoors with limited warning time. **The project scope is outlined in the next three sections.**

II. TASK 1 – PROJECT MANAGEMENT

Burnet County is responsible for overall project oversight and coordination with stakeholders. The County has procured Streamline Engineering, LLC to manage and execute the planning effort.

Streamline Engineering, LLC is responsible for the Project Management of the following:

- Technical system evaluation
- Hydrologic monitoring recommendations
- Preparing exhibits, presentations, and meeting minutes for Joint EOC workshops
- Siren technology assessment
- GIS coverage modeling
- Design – Details, and Specifications
- Cost estimating
- Development of prioritization framework
- Drafting O&M documentation
- Preparation of MOU documentation
- Coordination with TWDB for review support

Burnet County is responsible for:

- Finalizing Memorandum of Understanding between local municipalities regarding operations and maintenance of the proposed system
- Submitting monthly progress reports to TWDB, including corresponding monthly invoices or reimbursement requests, as applicable, consistent with the September 2026 Project Plan Template.
- Submitting reimbursement request and invoices to TWDB

All planning activities will be documented in a comprehensive Planning Report suitable for TWDB review and funding advancement.

III. TASK 2 – INITIAL PROJECT ACTIVITIES

The planning effort includes development of the following technical and administrative components.

i. Hydrologic Monitoring and Gage Framework

Evaluation and recommendation of appropriate gage types to support real-time flood detection and siren activation which may include:

- Non-contact point radar water level sensors
- Precipitation gages (tipping bucket rain gages)
- Pressure transducers (submersible water level sensors)

Gages will be dependent on location, ROW availability, maintenance requirements, cost, constructability and public safety considerations. The planning process will determine:

- Population Risk Determination
- Monitoring objectives (stage vs. rainfall-based triggers)
- Optimal gage placement locations
- Data transmission protocols
- Redundancy requirements
- Integration with emergency management systems

ii. Siren Technology Evaluation

Assessment of outdoor warning siren systems including:

- Tone-only sirens
- Voice-enabled messaging sirens
- Programmable activation platforms

Evaluation criteria include:

- Coverage radius and acoustic modeling
- Power supply redundancy (solar/battery backup)
- Remote activation capability
- Automated trigger integration
- Maintenance requirements

iii. Supplemental Safety Enhancements

The project will focus on implementing siren safety enhancements that improve warning speed, coverage, and public response during flood emergencies. This includes evaluating siren placement, expanding coverage in vulnerable areas, integrating activation protocols with established flood triggers, and improving coordination with emergency management personnel. The goal is to create a more reliable and actionable warning system that provides clear notice to the public, supports timely road closure and evacuation decisions, and strengthens overall community safety during high-water events.

iv. Service Area Delineation and Site Control

Service area delineation will be based on TWDB provisional flash flood risk area (PFFRA) mapping, incorporating both flood hazard and human exposure. This scope includes review and refinement

of PFFRA areas, with any updates or revisions submitted to TWDB for incorporation into the final dataset.

The planning effort will:

- PFFRA mapping assessment and GIS mapping revisions
    - The planning report will be revised to clarify that any proposed revisions to the TWDB Provisional Flash Flood Risk Areas (PFFRAs) will be developed and submitted separately in accordance with the current TWDB PFFRA Revision Requests: County Guidance (Appendix A). The report will distinguish TWDB-identified areas from County-requested revisions and document the supporting information and technical basis for each proposed change. County-requested revisions will not be represented as final TWDB determinations; final identification remains subject to Board consideration.
- The proposed siren system and coverage assessment will identify the applicable TWDB map version and clearly disclose any assumptions or recommendations dependent on pending revisions, including how those revisions could affect coverage findings and implementation priorities.
- Define siren service areas based on population density, flood risk, and coverage modeling
- Identify proposed siren locations
    - Note: Proposed siren locations are prioritized in areas with demonstrated outdoor exposure (e.g., recreational areas, transient populations), consistent with SB3 life-safety objectives.
- Evaluate site control requirements (easements, leases, public property use)
- Define Implementation Cost, Design and Specifications
- Coordinate with municipal and County facilities for placement feasibility

Geospatial analysis will be used to optimize siren placement for maximum effective coverage. Geospatial analysis will balance acoustic coverage with risk-based prioritization and incorporate TWDB PFFRA mapping as a baseline, refined with local knowledge to support targeted deployment in high-risk areas.

v. Prioritization and Phased Implementation Plan

A prioritization framework will be developed to guide phased implementation based on:

- Flood risk severity
- Historical incident data
- Traffic volumes at crossings
- Population vulnerability
- Infrastructure criticality

This prioritization plan will provide a roadmap for staged construction aligned with available funding.

vi. Operations and Maintenance (O&M) Framework

The project will develop:

- Recommended operational protocols
- Routine maintenance schedules
- Testing procedures
- Long-term cost estimates
- Staffing and monitoring responsibilities

Cost estimates will include:

- Equipment replacement cycles
- Software licensing
- Data telemetry services
- System inspections

vii. Interlocal Coordination and Memorandum of Understanding (MOU)

To ensure long-term system functionality and coordinated emergency response, a Memorandum of Understanding will be developed between:

- Burnet County and communities that may warrant siren or gage infrastructure

The MOU will define:

- Roles and responsibilities
- Activation authority
- Data sharing agreements
- Maintenance obligations
- Cost-sharing structures

viii. Software Integration Evaluation

A comprehensive evaluation of software platforms and system integration architecture will be conducted to ensure seamless coordination between hydrologic monitoring, automated triggering logic, siren activation systems, and emergency management operations. This task will assess:

- Compatibility between water level and rainfall gages and siren control platforms
- Integration with emergency management software utilized by the EOC
- Real-time data acquisition and telemetry systems
- Cloud-based versus locally hosted control systems
- Cybersecurity protections and user authentication protocols
- Redundancy and fail-safe activation pathways
- Mobile and remote access capabilities for authorized personnel

The evaluation will determine whether a centralized command platform or distributed activation architecture best supports County operations. Emphasis will be placed on systems capable of supporting automated threshold-based triggers while retaining manual override authority for emergency management officials.

The software integration analysis will ensure that monitoring data transitions efficiently from detection to decision-making to public notification without delay or system incompatibility.

ix. System Design and Technical Specifications

Based on the findings of the monitoring, siren, and software evaluations, preliminary system design criteria and technical specifications will be developed to support future procurement and implementation. This task will include:

- Development of performance-based design criteria for gages and sirens
- Communication architecture diagrams
- Power supply and backup system requirements
- Mounting and structural considerations
- Activation logic flow diagrams
- Minimum acoustic coverage standards
- Equipment interoperability standards
- Environmental durability requirements for South Texas climate conditions

Technical specifications will be prepared in a format suitable for:

- Future competitive procurement
- Grant application support
- TWDB implementation funding review
- Bid package development

This design framework will ensure that future implementation is standardized, scalable, and aligned with best practices for flood warning infrastructure.

x. Preliminary Capital and Lifecycle Cost Estimation

A comprehensive planning-level cost estimate will be developed to support phased implementation and funding strategy development. Cost estimation will include:

Capital Costs

- Siren equipment and installation
- Hydrologic gages and telemetry systems
- Software licensing and integration platforms
- Electrical service and solar power systems
- Structural foundations and mounting hardware

- Site acquisition or easement costs
- Engineering, permitting, and construction administration

Lifecycle and Operational Costs

- Annual software subscriptions
- Data telemetry services
- Routine maintenance and inspection
- Battery replacement and equipment lifecycle replacement
- Staffing and monitoring resources

Planning-level estimates will follow accepted engineering cost estimation methodologies appropriate for SB 3 funding review and will include contingency allowances consistent with infrastructure planning.

IV. TASK 10 – FINAL REPORT TO TWDB

The planning project will produce:

- PFFRA revision documentation, as applicable. Proposed County revisions to TWDB Provisional Flash Flood Risk Areas will be developed and submitted separately in accordance with the current TWDB *PFFRA Revision Requests: County Guidance* (Appendix A). Supporting documentation will distinguish TWDB-identified areas from County-requested revisions and identify the technical basis for proposed changes. County-requested revisions remain subject to Board consideration and will not be represented as final TWDB determinations.
- Outdoor Warning System Planning Report.
- Hydrologic monitoring recommendations.
- Siren technology evaluation matrix.
- Proposed siren location maps.
- Complete countywide coverage-and-gap assessment in PDF and GIS formats, incorporated into the final planning report. The assessment will encompass incorporated and unincorporated areas throughout Burnet County and identify:
    - The applicable TWDB flash flood risk area map version and status, including pending County-requested revisions and any assumptions dependent on their approval.
    - Existing qualifying sirens and their coverage.
    - Recommended sirens and their modeled audible coverage of at least 70 dB.
    - Flash flood risk areas remaining outside qualifying siren coverage.
    - How the proposed implementation addresses the County's full SB3 need, including needs outside the initial implementation priorities.

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    - A planning-level estimate of the total additional sirens and funding needed to address the remaining coverage gaps, including known siting, infrastructure, operational, and jurisdictional constraints and anticipated funding shortfalls.
- Implementation prioritization plan.
- Implementation cost estimates.
- Draft Operations and Maintenance framework.
- Draft Interlocal Memorandum of Understanding.

The complete countywide coverage-and-gap assessment will be provided with submission of a subsequent post-planning application, consistent with the current TWDB Project Plan Template. These deliverables will support TWDB review of planning completion, advance funding and reimbursement requests, and Burnet County's subsequent application for implementation funding under SB3.

V. Requirements Compliance – Budget, Schedule, Advance Requests, Contacts and Authorization

4. Site Control & Access Certification

NOTE: Either the County or an entity that the County has contracted with may complete this section. Additionally, this section does not apply to PLANNING PROJECTS, as site control and access are identified during the planning process.

The County, or its authorized representative, certifies that:

☐ Option A: it has sufficient legal authority, permission, or ownership interest to install, operate, access, and maintain each proposed siren location identified in this Project Plan, including reasonable ingress and egress for installation and ongoing maintenance, or has contracted with another entity to install, operate, access, and maintain each proposed siren location identified in this Project Plan. The County, or its authorized representative, also certifies that for any development that occurs in the floodplain, all necessary permits have been obtained, including floodplain permits. The County, or its authorized representative, also certifies that all other necessary permits have been obtained and that all applicable regulations have been complied with as part of this project; or

☒ Option B: it is in the process of acquiring all legal authority, permission, or ownership interest to install, operate, access, and maintain each proposed siren location identified in this Project Plan, including reasonable ingress and egress for installation and ongoing maintenance, or is in the process of contracting with another entity to install, operate, access, and maintain each proposed siren location identified in this Project Plan. The anticipated date of full acquisition is: 1/30/2027. The County, or its authorized representative, also certifies that for any development that occurs in the floodplain, the necessary permits will be obtained, including floodplain permits. The County, or its authorized representative, also certifies that any other necessary permits will be obtained and that all applicable regulations will be complied with as part of this project. The anticipated date by which all necessary permits will be acquired is: 2/14/2027. **All access rights and permits must be acquired in time to meet the applicable deadlines for release of funds. The County must include updates on acquisition and permits in its monthly progress reports.**

The County assumes full responsibility for operation and maintenance of all sirens installed under this project or has contracted with another entity for operation and maintenance of all sirens installed under this project.

County Authorized Representative:

Name: BRYAN WILSON

Title: COUNTY JUDGE

Signature/Date: 10/16/26

#	Requirement	Initial
2.1	Communities must identify a primary and backup administrator responsible for their siren system with full oversight and awareness of the system and associated activities.	AS
2.2	Joint siren operations between municipalities, counties, and/or other government agencies must include a signed and/or adopted Memorandum of Understanding or similar written agreement with documented roles and responsibilities.	AS
3.1	Communities must follow and document a process for siren site selection.	AS
3.2	Sirens must produce an audible alert of no more than 123 dB(C) at a distance of 100 feet from the siren. The siren's coverage area is defined as the area in which the audible alert is at least 70 dB. Sirens should be sited to avoid exposing anyone to sound levels exceeding 123 dB(C); otherwise, warning signage must be posted within the affected noise contour.	AS

3.3	Sirens must have the following:
	• Both local and remote manual overrides for triggering the siren.
	• A primary power source capable of operating the siren continuously and reliably.
	• A backup power source different than the primary power source that is sufficient to operate the siren as designed in the absence of the primary power source (as detailed further below).
	• Automatic transition between primary and backup power in the event of failure.
	
	The backup power source must provide sufficient power for:
	• 24 hours of standby.
	  ○ "Standby" refers to the operation state where the system is waiting for a trigger signal and is capable of alert when a trigger signal is received.
	• 30 minutes of alerting
	  ○ This requirement has been modified from the FEMA standard of 15 minutes to provide for a series of 10, three-minute audible alerts.
	
	Batteries used for power supply must:
	• Be automatically and fully recharged to at least 80 percent of maximum rated capacity from the fully discharged state in 24 hours or less.
	• Be a low-maintenance design with a vendor-specified lifespan of at least five years. Note that this value has been modified from the FEMA standard of three years based on industry experience and advancements in battery technology.
		AS

3.4	Sirens must have a backup communications method that is sufficient to operate the siren as designed in the absence of the primary communication method. The siren must provide automatic transition between primary and backup communication methods in the event of failure.	AS
3.5	When used as a siren activation trigger, gauges must use at least one form of telemetry capable of transmitting data to a central location at a minimum of every 15 minutes.	AS
3.6	Sirens must be tested immediately after installation and the results must be documented.	AS

3.7	Sirens must include at least one stream gauge as an activation trigger. One gauge may serve as a trigger for multiple sirens.	AS
3.8	All siren electronic components necessary for remote activation and operation must be elevated to or above the 500-year, 24-hour maximum water surface elevation. A separate local manual activation device may be located below this elevation if the manufacturer or provider confirms that its inundation or failure will not impair remote siren operation.	AS
4.1	An operations plan must be assessed annually and include, at minimum, • Roles and responsibilities, including who is responsible for authorizing activation; • Detection protocols (i.e., trigger(s), threshold(s), etc.); • Activation protocols (i.e., how and when a siren is activated); • Notification protocols for officials, emergency managers, and the general public; • Testing protocols; and • A false alarm policy.	AS
4.2	Sirens must be tested daily using silent tests and monthly using audible activation to verify sirens are receiving communications and are operational. Primary and backup systems must be tested. The monthly audible activation can be cancelled if severe weather is present or forecasted. All tests must be conducted on a fixed, documented schedule, and test results must be documented. If a test fails, corrective action(s) must be initiated within 72 hours and retesting performed after corrective action(s) are completed. Corrective action(s) and retesting must be documented.	AS
4.3	A siren must produce clear, audible alert tone(s) with a minimum activation duration of three minutes per alert repeated at regular intervals.	AS
4.4	The siren system must be integrated with public messaging systems.	AS
5.1	The siren must be inspected annually following vendor guidelines. Inspection documentation must include, at a minimum, • Inspection findings and any corrective actions required, • Prior year maintenance records, and • Maintenance and inspection documentation for gauges used as activation triggers	AS
6.1	Communities must conduct public education and outreach to inform populations served by sirens about the system's purpose, testing schedule, alert tones and/or voice messages, and actions to take if activated.	AS

Requirements for compliance are also available at https://www.twdb.texas.gov/about/sb3/index.asp

i. Budget

A planning budget was developed by Streamline Engineering based on hourly analysis to complete the scope of work for the planning phase. The County intends to apply for additional funding once complete for the implementation phase. **The budget reflects planning-phase activities only and does not include implementation or construction costs. An additional submission package will be prepared and submitted following completion of planning activities to support implementation funding.**

Task No.	Task Description	Budget
1	Project Management	$ 105,460.00
2	Initial Project Activities	$ 236,830.00
10	Final Report to TWDB	$ 24,875.00
	Total Planning and Design Phase	**$ 367,165.00**

ii. Schedule

The dates provided correspond to the planning phase of the project. Subsequent phases (procurement, permitting, installation, and testing) represent future implementation activities to be funded separately.

Phase	Milestone	Estimated date
1	Project start	7/7/2026
2	Planning and design	10/30/2026
3	Procurement complete	Dates for items 3-6 to follow post-planning submittal
4	Right of way and necessary permits obtained	
5	Installation complete	
6	Operational / testing complete	
7	Final report and certification	7/1/2027

***Schedule provided is an estimate for planning purposes only.**

iii. Schedule

Amount requested	$91791.25
Percent of total project estimate	25

iv. Primary Contact

Name:	Jackie Haynes
Title:	Burnet County Title VI Coordinator
Phone:	512-756-3472
Email:	jlhaynes@burnetcountytexas.org

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v. Authorization

County Representative:	Burnet County
Name:	Bryan Wilson
Title:	The Honorable County Judge
Signature/Date:	10/16/26

Planning Level Estimate for Services to be reimbursed at an houry rate with supporting progress reports required by TWDB.

Tasks	Senior PM	PM	Senior Engineer 1	Project Engineer	Engineering Technician	Sum
	$ 235.00	$ 225.00	$ 185.00	$ 155.00	$ 105.00	
Task 1						
Kickoff	8	8		8	8	$ 5,760
Existing Data Collection		4	8	20	40	$ 9,680
Mapping Refinement	2	4	6	32	40	$ 11,640
Stakeholder Interviews		4	8	8		$ 3,620
Existing Infrastructure Assessment	2	4	4	8	8	$ 4,190
Stakeholder Meeting with Cities	8	16	16	16		$ 10,920
Project Management - Project Plan Development		4	4			$ 1,640
Poject Management - Procurement Support	4	4	8	8		$ 4,560
Construction Administration and Coordination	12	16	16	24		$ 13,100
Dashboard Configuration and Data Integration	4	12	12			$ 5,860
Project Management - System Testing		24	24	24		$ 13,560
Project Management - System Maintenance Manual	4	10	20	40		$ 13,090
Project Management - Project Closeout	4	12	16	8		$ 7,840
					TASK 1 TOTAL	$ 105,460
Task 2						
Warning System Planning	2	4		16	24	$ 6,370
Hydrology and Hydraulics Modeling	16	20	80	200	40	$ 58,260
Emergency Management Planning	12	12	20	40	40	$ 19,620
Stakeholder Engagement	24	24		24	40	$ 18,960
Emergency Action Plan	8	20	40	40	80	$ 28,380
Vendor Planning	4	4	8	16	32	$ 9,160
Site Visits - Sirens		12	12	12		$ 6,780
Survey and Data Collection for siren sites		12	20	40	40	$ 16,800
Siren Design	4	8	40	60		$ 19,440
Stage Gage System Planning and Design		12	40	60	60	$ 25,700
Data Dashboard Planning and Procurement Support	4	4	8	4	8	$ 4,780
Outdoor Warning Siren System Master Plan	8	20	20	40	60	$ 22,580
					TASK 2 TOTAL	$ 236,830
Task 10						
Reporting	5	16	32	64	12	$ 21,875
Estimated: Allowable reimbursables that may be incurred at the Federal Rate	-	-	-	-	-	$ 3,000.00
					TASK 10 TOTAL	$ 24,875
					TOTAL	$ 367,165

No.	Comments	Response
1	Please expand Task 10 to explicitly include the countywide coverage-and-gap assessment required by the current TWDB Project Plan Template. Prior to submitting a subsequent post-planning application, the County should provide a planning-level assessment identifying the applicable TWDB flash flood risk area map and status; existing qualifying sirens and their coverage; recommended sirens and modeled audible coverage of at least 70 dB; risk areas remaining outside qualifying siren coverage; and how the proposed implementation relates to the County's full SB3 need. Include a planning-level estimate of the total sirens and funding needed to address the remaining gaps, including known constraints and funding shortfalls. The final planning report must incorporate the complete countywide coverage-and-gap assessment in PDF and GIS formats.	Expanded Task 10 accordingly.
2	Please revise the schedule to reflect the planning-only scope and budget of this Project Plan. Phases 3 through 6 currently include procurement, permitting, installation, and operational testing, although those activities are excluded from this funding request. Remove these milestones from the funded planning schedule or clearly identify them as non-funded, conceptual future activities dependent on subsequent TWDB project-plan approval and available funding. Identify the planning completion milestone and final-report submission date under this Project Plan.	The schedule is a planning level estimate only and represented our opinion of the timeline for Phases Per your comment, we removed the schedule of those items and replaced them with a note stating "Dates for items 3-6 to follow post-planning submittal.
3	Please update Sections 4 and 5 to match the September 2026 TWDB Project Plan Template. Section 4 includes updated Site Control & Access Certification provisions, and Section 5 incorporates the revised Flash Flood Warning Siren Guide requirements. Please use the current template language and ensure all applicable certifications and requirements are completed and signed or initialed by the County's authorized representative.	The sections from the recent published guidance (September 2026) have been added. The County juc has signed as the County authorized representative and Streamline initialed the requirements 2.1-6.1 from section as Streamline is contracted with the County to manasge this grant.
4	Please clarify that any proposed revisions to the TWDB Provisional Flash Flood Risk Areas will be developed and submitted separately in accordance with the current TWDB PFFRA Revision Requests: County Guidance (Appendix A). The planning report should distinguish areas identified by TWDB from county-requested revisions and document the supporting information for any proposed changes. County-requested revisions do not constitute final TWDB determinations; final identification remains subject to Board consideration. The proposed siren system and coverage assessment should identify the applicable TWDB map version and clearly disclose any assumptions dependent on pending revisions.	The planning report will be revised to clarify that any proposed revisions to the TWDB Provisional Flasl Flood Risk Areas (PFFRAs) will be developed and submitted separately in accordance with the curren TWDB *PFFRA Revision Requests: County Guidance* (Appendix A). The report will distinguish TWDB-identified areas from County-requested revisions and document the supporting information and technical basis for each proposed change. County-requested revisions will not be represented as fina TWDB determinations; final identification remains subject to Board consideration. The proposed sirer system and coverage assessment will identify the applicable TWDB map version and clearly disclose assumptions or recommendations dependent on pending revisions, including how those revisions co affect coverage findings and implementation priorities.
5	Please clarify whether the proposed planning study covers all of Burnet County, including incorporated municipalities and other applicable governmental jurisdictions, and describe how the planning service area relates to the TWDB-identified flash flood risk areas. Identify the municipalities and other entities expected to participate in system planning and coordination. The final planning recommendations should address the countywide need, including areas outside the initial implementation priorities.	The project description has been revised to clarify that the planning study covers all of Burnet County, including unincorporated areas, incorporated municipalities, and other applicable governmental jurisdictions within the County. Expected planning and coordination participants include Burnet Cour the cities of Burnet, Marble Falls, Bertram, Granite Shoals, Highland Haven, and Meadowlakes; LCRA; TxDOT; and local emergency management and response agencies.The revised description also clarifi that TWDB-identified flash flood risk areas, represented in PFFRA mapping and refined through local analysis, will inform the assessment of warning needs and prioritization of initial implementation. The areas do not define or limit the planning service area. Final planning recommendations will address countywide needs, including areas outside the initial implementation priorities, and identify opportunities for phased deployment, future expansion, and coordination across jurisdictional boundaries.
6	Please add monthly progress reports to TWDB, including corresponding monthly invoices or reimbursement requests, as applicable, consistent with the September 2026 Project Plan Template. The current scope references reimbursement requests and invoices but does not explicitly identify the required monthly progress reports.	Added this scope item to the plan.
7	Please provide a brief supporting breakdown for the $367,165 planning budget, including the basis for the Task 1 project management amount, major Task 2 planning activities, and Task 10 final-report effort. Identify anticipated labor hours, rates, or other reasonable cost assumptions. A detailed fee proposal is not necessary, but sufficient information should be provided to establish the reasonableness of the planning costs.	A planning budget has been provided, consistent with our approach for other counties where this additional level of detail has not been requested. The proposed total is comparable to other approved SB3 project plans, including Llano, Lampasas, San Saba, Maverick, Real, Uvalde, and Edwards counti and below the amount approved for Kerr County. While individual county scopes vary, these approval provide context for the reasonableness of the proposed budget. Reimbursement requests for each ta: will include supporting labor-hour documentation and progress reports.
8	IMPLEMENTATION NOTE: The prioritization framework should distinguish the complete recommended countywide siren system from the subset that may be feasible under currently available funding. Identify planning-level siren quantities, locations, associated gauges and equipment, estimated total system costs, recommended implementation phases, and remaining funding needs. Prioritization or insufficient funding should not be used independently to exclude areas from the countywide coverage-and-gap assessment.	Noted.
9	IMPLEMENTATION NOTE: When evaluating proposed siren locations and potential map revisions, give particular attention to camps, campgrounds, parks, public river access, flood-prone crossings, and other locations with potentially significant outdoor exposure. Where the County believes a siren is not warranted, document the location-specific justification in accordance with current TWDB PFFRA revision guidance rather than relying solely on funding constraints, private ownership, or alternative notification methods.	Noted.
10	IMPLEMENTATION NOTE: The plan references water crossings as part of the proposed planning effort. Please note that outdoor warning sirens are generally supplemental to roadway-specific warning and closure measures at low-water crossings, such as signage, flashing beacons, and automated gates. SB3 funding is intended for outdoor warning siren systems and their essential components, not standalone low-water crossing warning or closure improvements. Please keep this distinction in mind when developing the recommended system and identifying eligible project costs.	Noted, removed referenced item of secondary benefit of implementation of SB3 compliant system.