

SB3 Outdoor Warning Siren Project Plan Template (County Submission Packet)

1. Project Overview (one- to three-page narrative)

This Project Plan is submitted pursuant to Senate Bill 3 (89th Legislature, 2nd Called Session) and related appropriations and guidance administered by the Texas Water Development Board (TWDB), as supplemented by Senate Bill 5 (89th Legislature, 2nd Called Session) and applicable Board materials. Note that monthly progress reports, including monthly invoices, as well as a final report will be required as part of all project plans.

PLANNING PROJECTS

For counties that have not yet planned their outdoor warning siren systems, this plan establishes the parameters of the Outdoor Warning Siren System for the applicant, including service area, proposed siren locations and related site control, recommended technology – including siren triggers, and project partners to support TWDB review and approval for advance funding and reimbursement purposes.

Please provide a one- to three-page overview of your project. The description should include:

- a summary of the proposed planning activities to develop the parameters of the flood warning siren system, including
 - the system components, including sirens, gages, and other necessary equipment;
 - a description of the outdoor warning siren service area, including how it corresponds to the flash flood-prone areas identified by the TWDB (coming late January 2026);
 - a summary of recommended partnerships and agreements related to the installation, operation, and maintenance of the flood warning siren system, as identified during the planning process; and
- a summary of partnerships between the project sponsor and other entities, such as municipalities, special purpose districts, and/or agencies established for the purpose of conducting the planning study.

POST-PLANNING PROJECTS

For counties that have undergone planning and are ready to begin developing or improving their outdoor warning siren systems, this plan establishes proposed siren locations, confirms local site control, and provides planning-level cost and schedule information to support TWDB review and approval for advance and reimbursement purposes.

Please provide a one- to three-page overview of your project. The description should include

- a summary of the flood warning siren system and its components, including sirens, gages, and other equipment that make up the system;
- a summary of locations for siren installation and the rationale for how the final placement of the proposed siren locations were selected;
- the flood warning siren service areas, including all counties, municipalities, and special purpose districts within the service area; and

- a summary of any partnerships and agreements related to the installation, operation, and maintenance of the flood warning siren system, including who assumes ownership responsibility of each component in the system.

2. Siren Location Information

NOTE: This section does not apply to PLANNING PROJECTS, as siren locations are identified during the planning process.

Provide one row for each proposed outdoor warning siren as well as other components funded by this grant. Note that the TWDB understands that modifications to exact locations may be necessary.

Justification must be provided to the TWDB for such changes.

Siren ID (County Decides)	Latitude (DD.ddddd)	Longitude (DD.ddddd)	New or Replacement or Upgrade?	Notes

3. Service Area and Equipment Location Map

NOTE: This section does not apply to PLANNING PROJECTS, as siren locations are identified during the planning process.

Attach an area map showing the relative location of all proposed sirens as well as other necessary project components funded through this grant. The map should also include the service area of the project, including the audible range of each siren. Including two maps, one reflecting the full-service area and one reflecting equipment locations, is acceptable. Maps must be presented in PDF and GIS format. GIS files and supporting data should be submitted as part of the project plan. The map is not required to include engineering design.

(For a map template, see the example map provided in the Flash Flood Warning Siren Guide.)

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 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 necessary permits and regulations have been obtained and complied with as part of this project. 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: _____

Title: _____

Signature/Date: _____

5. Requirements Compliance Overview (TBD)

This section will be developed once the Flash Flood Warning Siren Guide has been released. Counties will be required to certify that their outdoor warning siren systems meet each of the minimum requirements specified in the document. For counties undertaking planning projects, plans and specifications developed must meet the requirements.

Content will be developed following the release of the guidance document. Requirements for compliance will also be made available at <https://www.twdb.texas.gov/about/sb3/index.asp>.

Disclaimer:

The Texas Water Development Board (TWDB) does not perform engineering or technical reviews of siren specifications, power sources, or communication methods. The applicant (County) is solely responsible for ensuring that all equipment and installation meet applicable engineering standards, local codes, and operational requirements.

6. Project Budget (Estimated)

Note: PLANNING PROJECTS are only anticipated to use tasks 1, 2, and 10. Additionally, as part of the final report for PLANNING PROJECTS, please include a narrative description of how the budget amounts for the project recommended in your plan were estimated. Please follow the task structure below and include quantities and unit costs to support the narrative when possible. Vendor quotes are not required.

TASK NO.	TASK DESCRIPTION	BUDGET (\$)
1	Project Management	0.00
2	Initial Project Activities (incl. Planning)	0.00
3	Site Survey & Identification of Utility Conflicts	0.00
4	Hardware and Construction Materials	0.00
5	Installation/Construction	0.00
6	Software and Communications Configuration	0.00
7	Testing and Monitoring	0.00
8	System Inspection	0.00
9	Education and Training	0.00
10	Final Report to TWDB	0.00
	TOTAL	\$0,000.00

Note that cumulative amounts by county over \$1,000,000 are subject to the approval of the TWDB Executive Administrator and would be documented in an amendment to the original grant agreement.

Amounts over \$1,250,000 are subject to the approval of the TWDB governing Board in a Board meeting and would also be documented in an amendment to the original agreement.

Please include a narrative description of how the budget amounts were estimated. Include quantities and unit costs to support the narrative. Vendor quotes are not required.

7. Project Schedule (Estimated)

NOTE: PLANNING PROJECTS are only anticipated to use phases 1, 2, and 7. POST-PLANNING PROJECTS are not anticipated to use phase 2.

Phase	Milestone	Estimated date
1	Project start	
2	Planning and design	
3	Procurement complete	
4	Right of way and necessary permits obtained	
5	Installation complete	
6	Operational / testing complete	
7	Final report and certification	

8. Advance Request (If applicable, up to 25% of the Project Plan)

Amount requested	
Percent of total project estimate	

9. Primary Project Contact

Name:	
Title:	
Phone:	
Email:	

10. Signature of County Representative

Note: This section must be completed by the County.

The project plan template must be signed and submitted by an official representative of the County who is authorized to submit this plan on behalf of the County. This signature affirms that the information provided is accurate to the best of their knowledge at the time of signing and acknowledges that the plan may be updated as necessary.

County Representative: _____

Name: _____

Title: _____

Signature/Date: _____