***[SYSTEM NAME]* IMPROVEMENT**

**FRAMEWORK PLAN**

**Request for Temporary Extension of P.L. 84-99 Rehabilitation Eligibility for Non-Federal Sponsors Implementing System Wide Improvements**

***[Levee System Name & National Levee Database Identification Number]***

***Date***

**Prepared By: *[Drainage & Levee District or representing agency name]***

***[SYSTEM NAME]* IMPROVEMENT**

**FRAMEWORK PLAN**

**Request for Temporary Extension of P.L. 84-99 Rehabilitation Eligibility for Non-Federal Sponsors Implementing System Wide Improvements**

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***[SYSTEM NAME]* IMPROVEMENT**

**FRAMEWORK PLAN**

**Request for Temporary Extension of P.L. 84-99 Rehabilitation Eligibility for Non-Federal Sponsors Implementing System-Wide Improvements**

1. **INTRODUCTION** 
   1. **Problem Statement**

*[This section of the proposal is used to provide a brief description of the system, what factors led to the sponsor seeking approval for a temporary Extension of PL 84-99 and what steps are being taken to develop a system-wide improvement plan. Pertinent information might include:*

* *Size of protected area*
* *Description of protected property*
* *General description of flood protection system (i.e. - miles of floodwall/levees, pump stations, gravity drains, etc.)*
* *Periodic Inspection’s impact on decision making*
* *Explanation of steps being taken to correct deficiencies and what new improvements are being made to the flood protection system*

*Provide a general overview of the proposal in a brief statement (approximately one page in length). ]*

* 1. **Purpose**

*[Define the specific purpose of the proposal as it relates to the temporary extension of Public Law (P.L.) 84-99 as defined by CECW-HS memorandum, dated 9 January 2009, subject: Temporary Extension of P.L. 84-99 Rehabilitation Eligibility for Non-Federal Sponsors Implementing System-wide Improvements. ]*

The purpose of the *[levee system name]* improvement framework plan is to serve as the formal request and documentation of the fulfillment of criteria from the *[D&LD name]* for the temporary extension of Public Law (P.L.) 84-99 as defined by CECW-HS memorandum, dated 9 January 2009 subject: Temporary Extension of P.L. 84-99 Rehabilitation Eligibility for Non-Federal Sponsors Implementing System-wide Improvements. This report is submitted to maintain eligibility for future rehabilitation assistance while the *[D&LD name or other responsible party]* is engaged in O&M activities and system-wide corrections. Temporary extension is sought for a one year period, at which time extension renewals to *[enter actual date not exceeding four years from date of request],* if needed, may be requested in accordance with Memorandum, HQ USACE (CECW-HS), 9 January 2009.

This report presents the *[D&LD name]* framework of activities for planning, research, design and construction implementation describing the approach and demonstrating our commitment to initiating comprehensive improvements in conjunction with correcting levee deficiencies identified in periodic inspection report no. *[enter number].* The framework plan outlines the approach for improvements and documents the *[D&LD name]* commitments and activities taken to date, as well as ongoing and planned activities that a) optimize flood risk reduction, b) balance environmental and flood control goals related to vegetation management, c) apply available scientific and technological best practices for improvements and d) contribute to the goals and long-term sustainability of the *[D&LD name].* The activities are in accordance with USACE current standards to address short-term O&M issues and long-term system-wide improvements.

* 1. **Fulfillment of P.L. 84-99 Criteria**

*[Summarize the steps being taken to demonstrate the sponsor’s commitment to system-wide improvement, both past, present and future actions. This section of the proposal should outline specific steps being taken with regard to the planning, design and construction of such improvements that follow USACE standards. The sponsor should identify specific resources that will fund the system improvements in the event the temporary extension is approved in order to guarantee the project’s completion within the time allotted.*

*Sponsor should provide adequate evidence that ongoing O&M activities will not only be maintained by the system improvement plan, but also enhanced if outlined as a deficiency within the Periodic Inspection. Plans for correction of maintenance deficiencies implemented with existing USACE standards as part of the system-wide improvements need to be submitted within the proposal.*

*Descriptions and justifications of the scheduled milestones need to be provided in order to measure progress during the system-wide improvement plan implementation to continue participation within the PL84-99 eligibility extension period. These milestones should include important funding, design, estimated construction and any other pertinent deliverable dates. ]*

This report documents the *[D&LD name]* fulfillment of the following criteria as required for an extension of the Stafford Act Policy Law (P.L.) 84-99 as defined in Memorandum, HQ USACWE (CECW-HS), 9 January 2009. This report summarizes the activities being taken that demonstrate that the *[D&LD name]* is proceeding with system-wide improvements. Section 4 of this report provides specific details of the improvement plan with resource commitments of the *[D&LD name or other responsible party];* actions accomplished to date; planned activities conforming to USACE standards for planning, design and/or construction; documentation of interim risk reduction measures, including community outreach and risk communication, along with the [levee system name] emergency action plan; and documentation of coordination with FEMA. Also provided are milestones of progress management, and interim maintenance operations and interim flood protection measures while the plan and the PL 84-99 extension is in effect.

Activities submitted herein for consideration of a PL84-99 eligibility extension include the following summary of items that document that the [*D&LD name]* is proceeding with system-wide improvements. The first three items described below are required for consideration of a PL84-99 eligibility extension. Item d below is an additional example of these activities provided to demonstrate commitment to system-wide improvements; and item e below includes USACE conditions of approving this request for an eligibility extension, per PL84-99 guidance by the USACE in their 9 January 2009 Memorandum.

a. The *[D&LD name]* has developed and is implementing a system-wide improvement plan

The *[D&LD name]* has developed and initiated this system improvement framework plan including implementation activities to address O&M deficiencies as determined by USACE in [enter periodic inspection report date], and planning and design studies for system-wide improvements. Planning and design activities include*….[enter detailed description of activities initiated]*

b. The *[D&LD name*] has committed significant non-federal resources for the improvement plan.

*[Include a description of committed resources (labor and fiscal) for USACE consideration. D&LD commitments should support operation & maintenance of the levee system as well as on-going research, planning, design & construction of the system-wide improvements.]*

c. The *[D&LD name]* has commenced, implemented and/or completed ongoing activities toward planning, design and construction.

*[Include a description of activities which have already commenced supporting operation & maintenance of the levee system as well as on-going research, planning, design & construction of the system-wide improvements.]*

d. The *[enter community/county name*] has enacted local legislation that significantly improves risk management efforts and resources.

*[Include this section only if applicable. Describe any local legislation that has been enacted that is relevant and contributes to overall risk management.]*

e. Conditions for approval of this eligibility extension.

The enclosed report identifies the following actions in response to Item 5 included in the guidance in CECW-HS Memorandum, 9 January 2009 for PL 84-99 temporary extension:

a. Plans for correction of maintenance deficiencies will be implemented in accordance with USACE standards as part of the system-wide improvement plan and include*…[list or reference plans for corrective measures.]*

b. Interim maintenance standards will be implemented as part of standard operating and maintenance procedures while the [D&LD or other responsible party] implements the system-wide improvement s during the timeframe of this requested PL84-99 extension, to include *….[list interim maintenance procedures for example increased mowing, vegetation management and erosion repairs…]*

c. Milestone activities measuring progress of the overall system-wide improvements are depicted in Exhibit *[enter Exhibit #].* Milestone dates anticipated to address specific outstanding O&M item deficiencies within the timeframe of the PL84-99 extension are outlined in a matrix in Exhibit *[enter Exhibit #].* Milestone activities also include monthly progress meetings with the USACE, St. Louis District.

d. Interim flood risk reduction measures, including a risk communication plan, have been put into place and will continue during the system-wide improvement activities. These measures include… *[provide a listing of interim risk reduction measures which may include; community outreach activities, implementation of the risk communication plan, utilization of an existing emergency action plan, provisions made to the levee system in the field that reduce risk to public]*

e*. [Provide correspondence from the D&LD to FEMA, if applicable for this levee system. ]*

1. **BACKGROUND**

*[Provide a comprehensive historical description of the project including; major flood events, a timeline of design, construction and rehabilitation of the project, any change in operational control, federal assistance and any other pertinent information. Describe the current operational conditions of the project, specifically discussing all segments of the project that encompass the overall system. Specifically discuss any and all rehabilitation projects that occurred within the history of the system. This could include levee raises, design deficiency remedial actions, O&M deficiency remedial actions, repair of catastrophic system failures or flood event system repairs. Summarize any and all long term plans (beyond the current proposed system-wide improvement plan) that reflect the sponsor’s vision for future system improvements. ]*

1. **PERIODIC INSPECTION REPORT No. \_\_ - SUMMARY**

*[Outline the major points of the most recent periodic inspection, mainly the deficiencies noted. State the number of Minimally Acceptable and Unacceptable items within the inspection and the general categories they fall into. Also discuss, if any, deficiencies noted by USACE as being design deficiencies or requiring further study to date which in effect result in these deficiencies falling outside of the sponsor’s sphere of responsibility. Include tabular listing of deficiencies noted in the periodic inspection report in the Appendices]*

1. **SYSTEM-WIDE IMPROVEMENT PLAN FOR O&M AND DESIGN DEFICIENCIES**

*[Discuss all actions to date that have been implemented in order to bring the system to an “Acceptable” operational standard which is defined by the USACE within the Continuing Eligibility Inspection program. The sponsor should demonstrate an ongoing effort to remediate all deficiencies defined by the latest Periodic Inspection. It is imperative to outline the managing structure that will oversee the planning, design and implementation of the System Improvement Plan upon approval from USACE.*

*A detailed plan should be presented within this section of the proposal that outlines the specific funding streams from non-federal partners to ensure the completion of the system improvement plan. This should include the operational budget and the number of sponsor personnel working towards the completion of the plan or other possible methods (i.e. engineering consulting firm) used to complete the overall project development and management. In addition, the operational structure of the flood protection system should be outlined and defined, such as the primary organization responsible for Operations and Maintenance, the primary organization responsible for implementation of the System Improvement Plan and any other entity responsible for the system’s safety and ongoing operation. An important part of the operational structure should be transparent and frequent communication with the general public. The proposal should discuss the sponsor’s communication plan and effectiveness at reaching out to stake holders and keeping them informed.*

*The proposal should list the on-going corrective measures regarding the operational and maintenance activities for the system. The system sponsor should be coordinating with USACE personnel to evaluate current O&M practices and make improvements as needed. Upon listing all current O&M practices in place, the proposal should briefly describe the practice and explain the expected outcome, especially if it concerns a deficiency outlined within the latest Periodic Inspection. Such O&M practices might include, but are not limited to:*

* *Levee mowing*
* *Concrete structural maintenance*
* *Erosion control*
* *Animal control*
* *Mechanical and structural maintenance*
* *Pump station facility maintenance*
* *Vegetation maintenance*
* *Access Control*

*This portion of the proposal should specifically outline why the sponsor is requesting an extension of the Stafford Act Policy Law (P.L. 84-99) to remain eligible for rehabilitation assistance with the USACE. Specific deficiencies should be noted and justified as to why corrective action will improve the system as a whole. Any and all research conducted on the system that supports the justification for extensive remedial action should be noted and briefly described. It would be beneficial to describe the design and construction process that has gone into the system improvement plan. There should also be maps and any other pertinent documentation included in the appendices of this report. Include a tabular listing of deficiencies noted in the periodic inspection with corresponding corrective measures taken.]*

1. **FUTURE ACTIONS REGARDING SYSTEM PROTECTION**

*[Discuss any and all major actions to be taken outside of the scope of the System Improvement Plan. This could include federally funded rehabilitation projects, an extension of the flood protection system or any other relevant related plan.]*

1. **CONCLUSIONS**

*[Summarize the system improvement framework plan and describe why it is imperative the system receive an extension. Briefly list the short term and long term improvement activities that are in place and in accordance with USACE standards, to implement the system improvement plan. This should include:*

* *the overall funding available for the project*
* *local legislative activities supporting these measures*
* *community outreach and communication with regard to potential risk*
* *actions taken to date by the local sponsor to address deficiencies outlined by the USACE within the latest PI report*
* *interim actions and plans developed to mitigate adverse risks due to system deficiencies*
* *interim research and studies underway to identify and correct deficiencies*
* *interim flood risk reduction measures being taken while longer term corrective measures are implemented*
* *Specific response to the most recent Periodic Inspection outlining deficiencies ]*

1. **EXHIBITS**

*[Include applicable maps/graphics related to the system-wide improvement plan.]*

1. **APPENDICES**

*[Include copies of representative sections from the periodic inspection report and other related correspondence/reports]*