



Key SWIF Plan Sections

The SWIF Plan will help guide maintenance practices on Pierce County's PL 84-99 levee infrastructure over the next 20 years. Below are the key Plan sections that will be discussed with the Community Technical Group. Additional Plan sections will provide background and other context about: interagency and stakeholder collaboration, SWIF associated agreements, Federal Emergency Management Administration notification, implementation schedule and milestones, and progress reporting.

Pierce County Levee System Overview: This section will:

- Document and identify the Pierce County levees in the PL 84-99 program and what ~~that~~ will be covered by the SWIF Plan
- Describe levee system features, including current conditions and deficiencies as identified by the US Army Corps of Engineers (USACE)
- Discuss environmental elements that affect levee maintenance and current environmental conditions
- Document population, infrastructure, industry, and regional economies at risk

Regional Considerations, Approaches, and Tools: This section will:

- Describe regional considerations, approaches, and tools that that will affect implementation of corrective actions
- Discuss how existing plans and other planning efforts relate to the SWIF Plan
- Discuss local approaches to corrective actions such as maintenance and rehabilitation
- Include a vegetation management strategy that will:
 - Balance USACE inspection needs with habitat needs
 - Describe hazard tree protocols

Risk Assessment Report: A report that analyzes the structural risk of PL 84-99 levees based on conditional assessments and river hydraulics and documentation for risks of levee failure. This section will:

- Describe maintenance history and protocols for implementation of planned improvements for the PL 84-99 levee segments
- Provide narrative about the risk of each PL 84-99 levee segment
- Discuss the risks of PL 84-99 levee failure related to population, infrastructure, industry, and regional economics

Interim Risk Reduction Measures (IRRM) Plan: A plan that will outline interim risk reduction measures and communications activities that will be done while levee improvements are being implemented. This section will:

- Describe structural and non-structural risk reduction measures that will be used to reduce the risk to life safety due to PL 84-99 levee deficiencies
- Discuss an annual maintenance program and condition assessments

System Wide Action Plan: A plan that will provide an overview of corrective work proposed. This section will:

- Include a list of the unacceptable PL 84-99 levee maintenance deficiencies to be addressed and a list of planned system wide improvements
- Prioritize correction and improvements to address PL 84-99 levee deficiencies
- Describe overall cost estimate to complete the identified work