

Measure	Prioritization Factors													Cost of Measure
	a. Reduce Inundation	b. No Life Safety Risk Increase	c. No adverse Impacts to Levee	d. Detection Confidence	e. Notification Confidence	f. Warning Time & Evacuation	g. Reduce Loading	h. Public Trust	i. Problem Understanding	j. Permanent Solutions	k. Other Project Benefits	l. Cost Effectiveness	m. Social/Environmental Impacts	
1. Annual Maintenance Program	●	●	●	●	●	○	○	●	○	●	●	○	●	\$3.2 Mil
2. Increase Erosion Protection at Toe	●	●	●	●	○	○	○	●	○	●	●	●	●	\$15,000
3. Increase Resilience to Overtopping	●	●	●	●	○	○	○	●	○	●	○	●	○	\$20,000
4. Evaluate Internal Drainage Features	●	●	●	●	○	○	○	●	●	○	●	●	○	\$20,000
5. Comprehensive Floodplain Management	●	●	●	○	○	○	○	●	○	●	●	●	●	\$175,000
6. Engineering Investigations	○	●	○	○	○	○	○	●	●	●	●	●	●	\$190,000
7. Flood Warning & Emergency Evacuation Plan	○	●	●	●	●	●	○	●	○	●	●	●	●	DEM
8. Flood Emergency Drills or Exercises	○	●	●	●	●	●	○	●	○	●	●	●	●	DEM
9. Pre-position Emergency Supply	●	●	●	○	○	●	○	●	○	●	●	●	●	\$5,000
Legend:														
● Factor is well addressed by this measure														
● Factor is marginally addressed by this measure														
○ Factor is not addressed by this measure														

Formulation and Prioritization Factors for Interim Risk Reduction Measures (IRRM)s

- How will the probability of inundation of the leveed area and the associated consequences be reduced using structural and nonstructural measures?
- Is it ensured that implementation of the IRRM will not increase the life safety risks at any time?
- Have the IRRMs been assessed for potential adverse impacts to the levee system, including the areas upstream and downstream of the levee system?
- Does the IRRM increase the level of confidence that any changes associated with the levee safety issue (failure mode) will be promptly detected?
- Does the IRRM increase the confidence that emergency management agencies will be notified promptly when a levee safety issue is detected?
- Does the IRRM increase the warning time and effectiveness of evacuation of the population at risk?
- Does the IRRM reduce the probability of the initiating load (for example, if adjusting an upstream reservoir water control plan - discuss the consequences of changing the reservoir water control plan)?
- Does the IRRM preserve the public trust and address stakeholder issues?
- Is the degree of confidence or uncertainty in understanding the scope of the problem and effectiveness of the interim solution improved?
- Can the IRRM be incorporated into permanent solid levee?
- Are there impacts to the authorized project purpose?
- Do the recommended IRRMs maximize cost effectiveness?
- Has the recommended IRRMs considered any social disruption and environmental impacts?