

2026 FLOOD PREPAREDNESS WORKSHOP

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SECTION 408 AND PL84-99 PROGRAMS

Alterations

- Section 408 for Federal Systems
- Levee Safety Compliance Review for Non-Feds

Policy Documents:

- EC 1165-2-220 – Policy and Procedural Guidance for Processing Request to Alter USACE Civil Works Projects Pursuant to 33 USC 408 – Sep 10, 2018

Inspection of Completed Works (ICW) and PL 84-99 Program

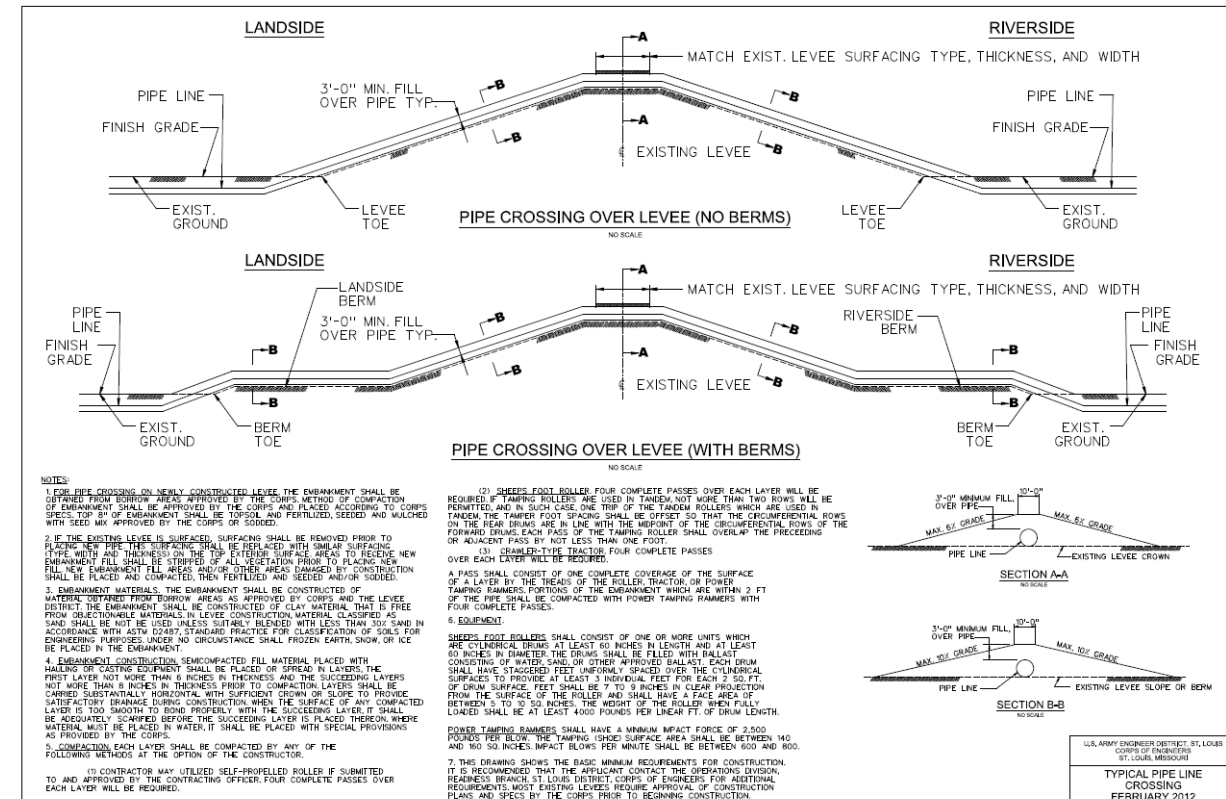
- Inspections
- PL 84-99 Eligibility
- System-Wide Improvement Framework (SWIF) Program

Policy Documents:

- Policy for Determining Eligibility Status of FRM Projects for the Rehabilitation Program Pursuant to Public Law (P.L.) 84-99 – Mar 21, 2014
- Policy for Developing Implementation of SWIFs – Nov 29, 2011

SECTION 408 PERMISSIONS

- Alterations to federally constructed levee systems require review and permission under 33 USC 408 (Section 408)
- Provides USACE authority to grant permission to alter a congressionally authorized USACE civil works project, if:
 1. *Does not impair usefulness of the project*
 2. *Not injurious to the public interest*
 3. *Legal and policy compliance*
- Statement of No Objection required from Levee Districts must provide
- Engage USACE in the planning process
- Alterations w/o permission can affect eligibility



INSPECTION OF COMPLETED WORK (ICW)

- Continuing Eligibility Inspections
 - Site Visits – Situational / as needed
 - Formal Inspections – Every 5 years
- Rated Items:
 - Unwanted Vegetation Growth
 - Sod Cover
 - Encroachments
 - Closure Structures
 - Slope Stability
 - Erosion
 - Settlement
 - Depressions/Rutting
 - Cracking
 - Animal Control
 - Culverts
 - Riprap and bank protection
 - Revetment other than riprap
 - Relief wells and Toe Drains
 - Seepage





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PL84-99 ELIGIBILITY

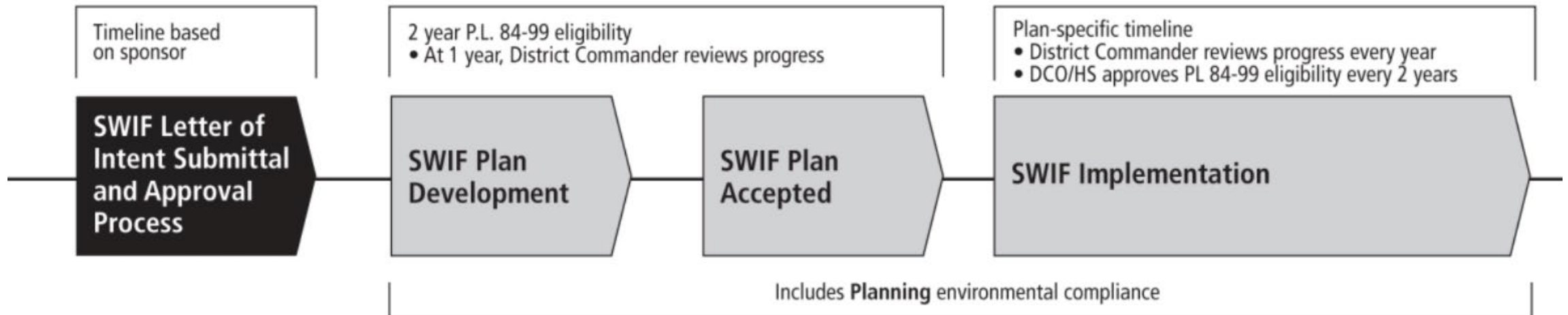
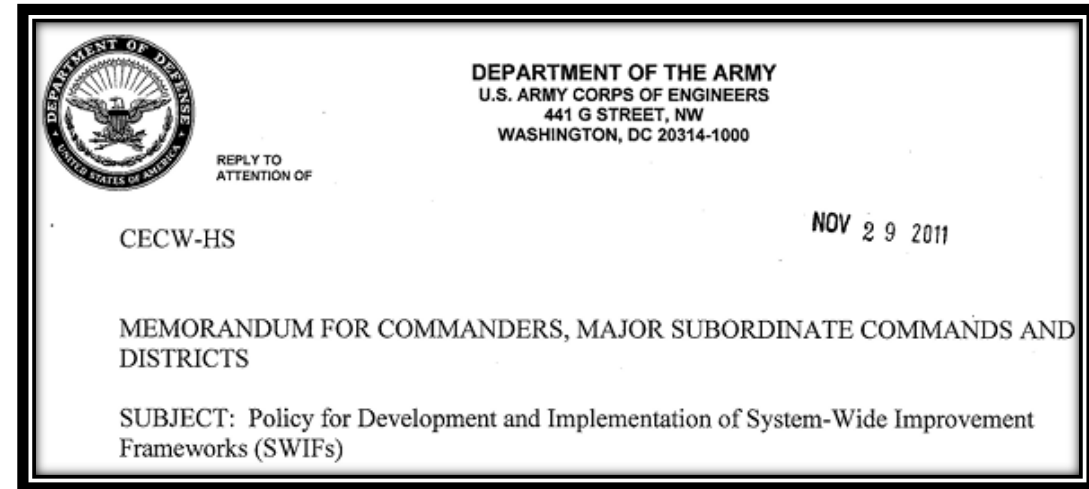
To be eligible, all items must be rated A, M, N/A or Yes

Rehabilitation Program Eligibility Determination	
Yes ☐	Public sponsor provided maintenance information per the Public Sponsor Pre-Inspection Form.
No ☐	Non-federal levee system meets Initial Eligibility criteria.
N/A ☐	
If either of the above items is marked "No" the levee system is not eligible.	
Rating	Rated Item
Levee Embankments	
A ☐	3. Encroachments
M ☐	
U ☐	
A ☐	4. Closure Structures (Stop Log, Earthen Closures, Gates, or Sandbag Closures)
U ☐	
N/A ☐	
A ☐	5. Slope Stability
M ☐	
U ☐	
A ☐	6. Erosion/ Bank Caving
M ☐	
U ☐	
A ☐	10. Animal Control
M ☐	
U ☐	
A ☐	11. Culverts/Discharge Pipes (This item includes both concrete and corrugated metal pipes.)
M ☐	
U ☐	
N/A ☐	
A ☐	14. Underseepage Relief Wells/Toe Drainage Systems
M ☐	
U ☐	
N/A ☐	
Floodwalls	
A ☐	2. Encroachments
M ☐	
U ☐	
A ☐	3. Closure Structures (Stop Log Closures and Gates)
U ☐	
N/A ☐	
A ☐	5. Tilting, Sliding, or Settlement of Concrete Structures
M ☐	
U ☐	

A ☐	6. Foundation of Concrete Structures
M ☐	
U ☐	
A ☐	8. Underseepage Relief Wells/Toe Drainage Systems
M ☐	
U ☐	
N/A ☐	
Interior Drainage System	
A ☐	9. Culverts/Discharge Pipes
M ☐	
U ☐	
N/A ☐	
A ☐	10. Sluice/Slide Gates
M ☐	
U ☐	
N/A ☐	
A ☐	11. Flap Gates/Flap Valves/Pinch Valves
M ☐	
U ☐	
N/A ☐	
Pump Stations	
A ☐	17. Intake and Discharge Pipelines
M ☐	
U ☐	
A ☐	18. Sluice/Slide Gates
M ☐	
U ☐	
N/A ☐	
A ☐	19. Flap Gates/Flap Valves/Pinch Valves
M ☐	
U ☐	
N/A ☐	
Rehabilitation Program Status	
Active ☐	System meets all interim eligibility criteria, including having received a rating of A, M, N/A or Yes for all subset items and is therefore eligible for rehabilitation assistance.
Inactive ☐	System does not meet interim eligibility requirements.
Comments:	

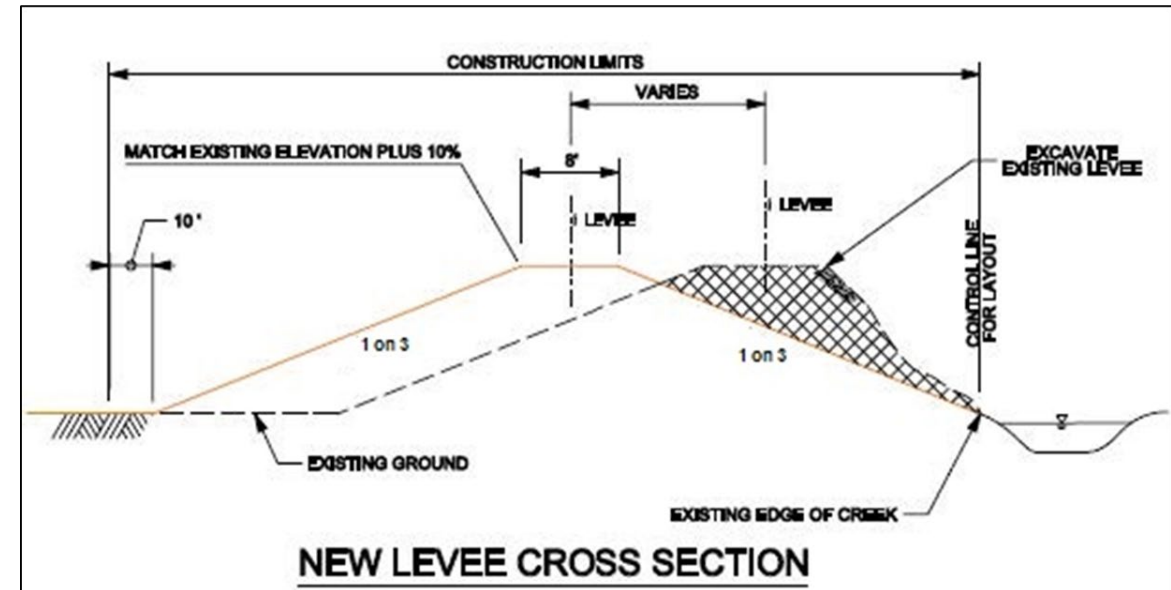
SWIF

- System-Wide Improvement Framework Program (SWIF)
 - Nov 29, 2011 Policy
- When you have complex/costly repairs or rehabilitation needed for program compliance



TECHNICAL SUPPORT

- Non-Federal sponsors can request cursory reviews to ensure the safety of their levee systems
- USACE can provide technical support to Non-Federal Sponsors
 - Review of O&M projects at no cost to the sponsor
 - Conduct site visits to provide technical assistance and recommendations to solve problems
- Compliance with Regulatory Programs



MAJOR POINTS

- Participate in Inspections
- Maintenance Updates – Provide Semi-Annually
- Prepare for Potential Flood Events
 - Pipe and Gate Inspection
 - Erosions / Slides / Animal Burrows
 - Drive the System
- Update USACE with current Points of Contact
- Guidance and Contact Information:
 - <https://www.mvs.usace.army.mil/Missions/Emergency-Operations/>
- Don't hesitate to reach out to us!

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St. Louis District

Mud Creek Levee District
Maintenance Frequency Report - Year: *2017* Date Sent to the Corps: *7/4/17*

Maintenance Item	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Inspection Frequency
Exercise closure structures	NA												2 times per year (3 months apart, minimum)
Exercise sluice gate	NA												1 time per year
Culverts, flap gates & bridges	X	X	X	X	X	X	X						After each rainfall
Relief wells - depth check	NA												1 time after a major high water event
Relief wells- pump test	NA												Once every three years
Pumps - operational check	NA												Once every 90 days
Pumps - thorough check (sensors, warnings, alarms, etc.)	NA												1 time per year
Pumps- Megger Testing	NA												Run test every 5 years and provide documentation
Assess safety concerns at pump station and system	NA												As needed
Fertilize/overspread/re-seed	Not needed												As needed
Animal control program	Not needed												As necessary
Mowing						X							2 - 4 times per year
Remove woody vegetation from the top of the levee & drainage channels				X		SPAY							As needed
Remove drift material from levee	Not Needed												Once at end of each winter season and once after each flood
Repair damage caused by erosion or other forces on levee and drainage channels	X												As necessary
Maintain access roads and ramps													As necessary
Remove trash, refuse, and other objectionable material from levee crown, slopes and within easement	Not Needed												As necessary
Visual / CCTV drainage pipes	Not Needed, complete 2016												Run test every 5 years and provide documentation
Cut back overhanging trees				X									As needed
Fill-in / compact depressions/ruts													As needed
Inspect for levee encroachments													As necessary
Clean sediment from relief wells, culverts and gates	NA												Pump test RW every 5 years and provide documentation
Address outlet discharge locations													Replace washed out rip rap and soil
Inspect & repair deteriorated floodwall, joint sealant	NA												As needed

* Submit report maintenance progress to USACE, St. Louis District every January 15th and June 15th: ATTN: L. Werdebaugh OD-R, 1222 Spruce Street,



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Questions?

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