

FLPOA Spillway Project Update # 42

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By: Dan LeFevre

We have quite a bit of activity and progress to report. I will start on a high level :

1. FLPOA Board have engaged GEI Consultants as our primary design engineer, and Spicer Group as our owner's engineer;
2. GEI will be gathering data for the next several weeks to complete a thorough assessment of our 50-year-old earthen dam, our concrete inlet system, the box culvert under the dam road to accompany the extensive data we already have on the spillway system;
3. Spicer Group is helping us create an administrative infrastructure to manage our project financing;
4. We received formal notification that we were approved for an \$800,000 Michigan Infrastructure Grant;
5. We submitted our formal \$2.4 million Dam Risk Reduction Grant application to the EGLE Dam Safety Group on January 31st;
6. We were notified by USDA-NRCS grant was extended from 12/31/22 to 4/30/23. This existing grant includes EWP grant of \$2.8 million for spillway construction repair and \$376,000 for technical assistance (i.e. engineering). The short extension was expected. Like all of us, the USDA is looking for tangible progress. We believe our recent engineering change, which was encouraged by both local USDA reps and EGLE, will be well received when we request our next extension at the end of March;

So, what does this mean from a timing and cost standpoint?

- We are focused on a two-phased strategy to (1.) get through the design and permit approval process by September to position spillway reconstruction for completion by a target date of April 2024; and (2.) understand what improvements may be needed to entire dam system since 1960/70's era dams were generally designed with fifty year life cycles;
- Our **current estimated** funding sources and costs (all rounded) are summarized below:

Sources:		Uses:	
SPILLWAY			
USDA Grant	\$3,200,000	Construction	\$6,230,000
FLPOA	\$940,000	Engineering	\$500,000
Total Spillway	\$4,140,000		\$6,730,000
DREDGING			
Special Assessment		Hydraulic Dredging	\$1,580,000
To be allocated	\$490,000		
Total Dredging	\$490,000		\$1,580,000
DOCK REPAIR			
Special Assessment	\$125,000	Dock Repair Cost	\$125,000
Total Docks	\$125,000		\$125,000
PENDING FUNDING SOURCES			
MI Infrastructure Grant	\$800,000		
EGLE Dam Risk Reduction Grant	\$2,400,000		
To be determined	\$480,000		
Total Pending Sources	\$3,200,000		
TOTAL SOURCES	\$8,435,000	TOTAL USES	\$8,435,000

There are many **estimates** in the table above, but it is nevertheless important to view our entire 2020 Disaster Recovery Plan as it stands today. We have raised about \$1.25 million from our 2021 special assessment with additional to come. We have secured \$4.25 million in grants, and we have applied for an additional \$2.4 million grant. We will continue to refine this plan on a regular basis and will explore new grant funding options as opportunities arise. We are grateful for the overwhelming support we have received from FLPOA members and we will continue to work this project until our beautiful lake is restored. Thank you