

## Why is Enhanced Flood Warning Needed?

The area between the flood gauges on the Grand River in north Lansing, the Red Cedar River in East Lansing, and Sycamore Creek in Holt, presents a unique challenge for flood forecasters. The action of the three rivers coming together, along with the presence of the North Lansing Dam, make flood forecasting too complex for current National Weather Service models.

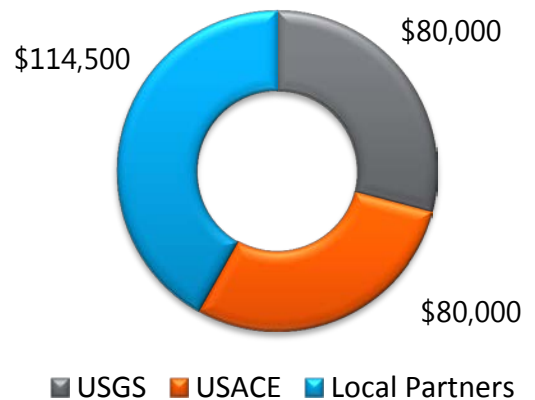
The enhanced flood warning system will improve flood forecasting accuracy, and reduce future flood damage by improving flood warning time.

# Lansing Area Enhanced Flood Warning

## What is the solution?

A three year study is currently underway that will allow the development of more complex forecasting models. These models will provide more accurate real-time forecasts and realistic tools for residents to see what different flood levels would look like in their neighborhoods.

## Project Funding



## Project Partners

US Geological Survey | US Army Corps of Engineers | Michigan Silver Jackets  
City of Lansing | Ingham County | Lansing Board of Water and Light  
Michigan State University | City of East Lansing | City of Williamston | Meridian Township