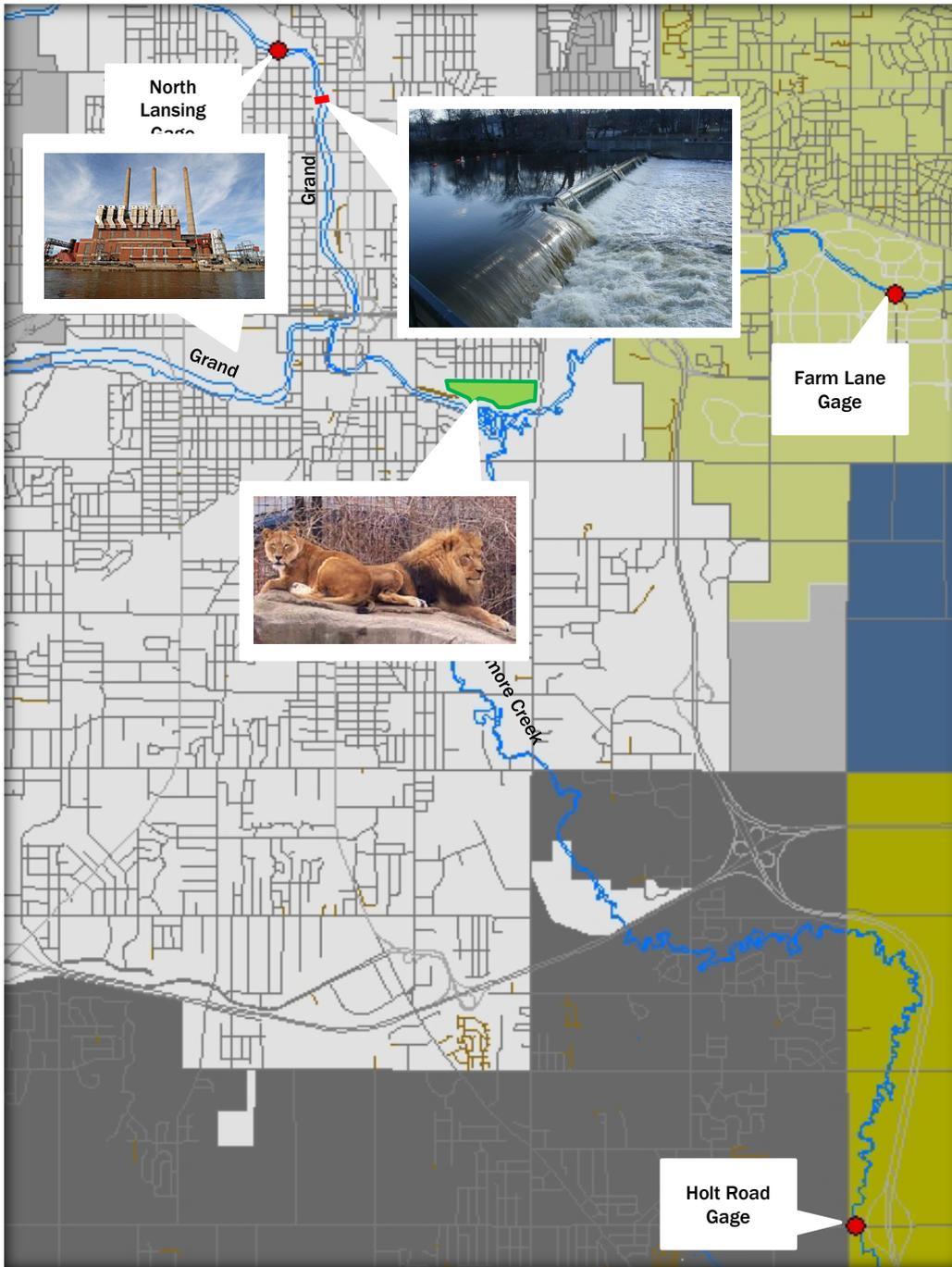




# FUNDING CHALLENGES

Ronda Oberlin, CFM CEM

Lansing  
MI  
Enhanced  
Flood  
Warning  
Project



# THE PROBLEM

250 businesses

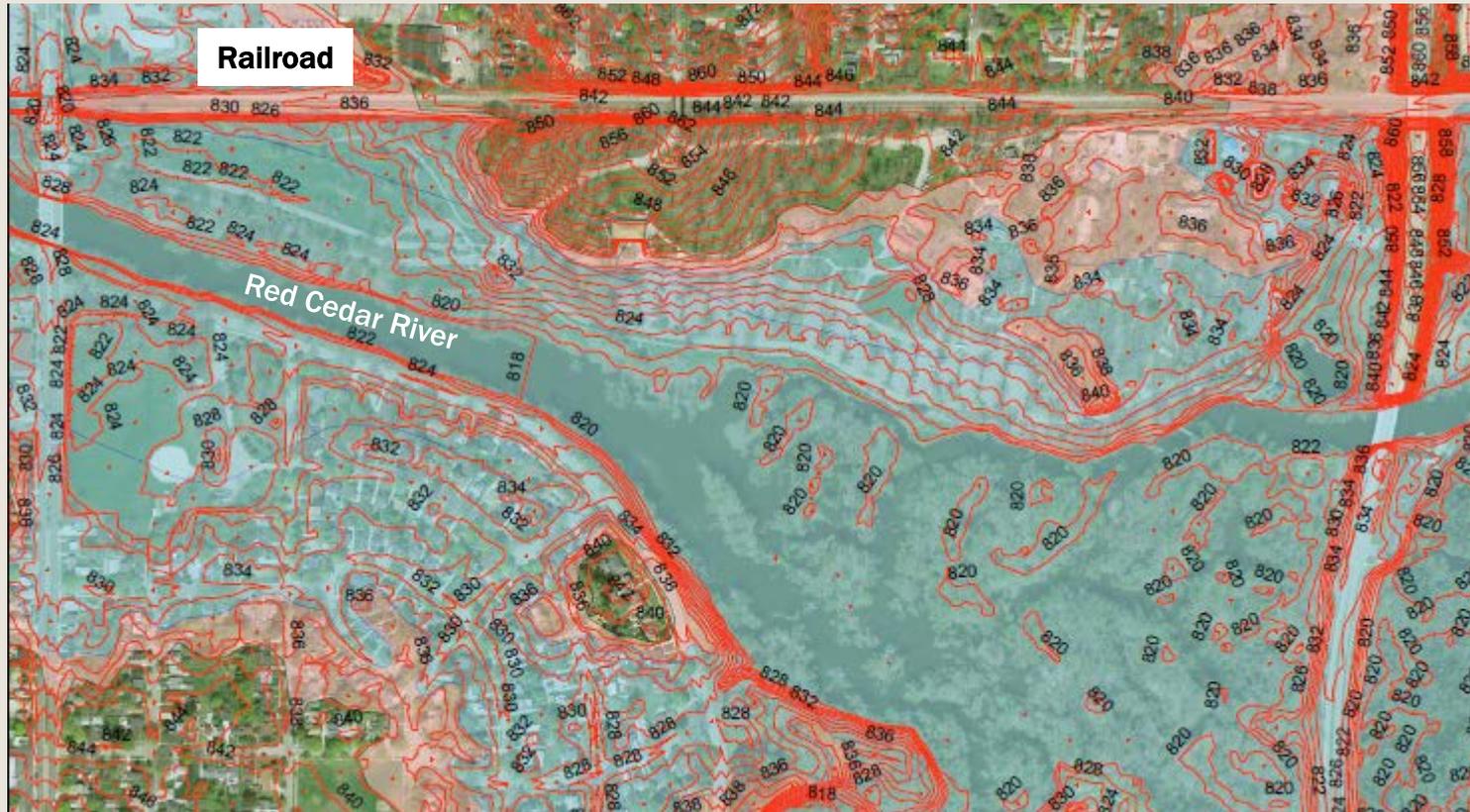
1700 people

Critical infrastructure

“Water just appears at the North Lansing gage”

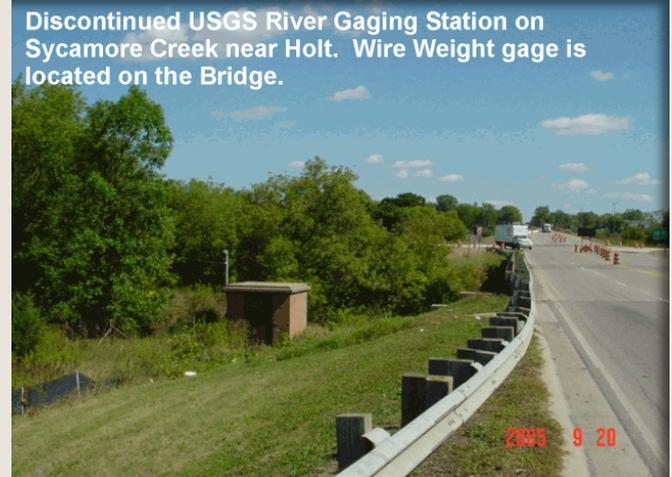
# POTTER PARK ZOO

Zoo Entrance



# THE SOLUTION

- Enhanced flood warning system
  - Reactivation of Sycamore Creek gage (3y study period)
  - Hydraulic models for Grand, Red Cedar & Sycamore Creek
- Interactive flood mapper
- \$285,000



# OUR APPROACH

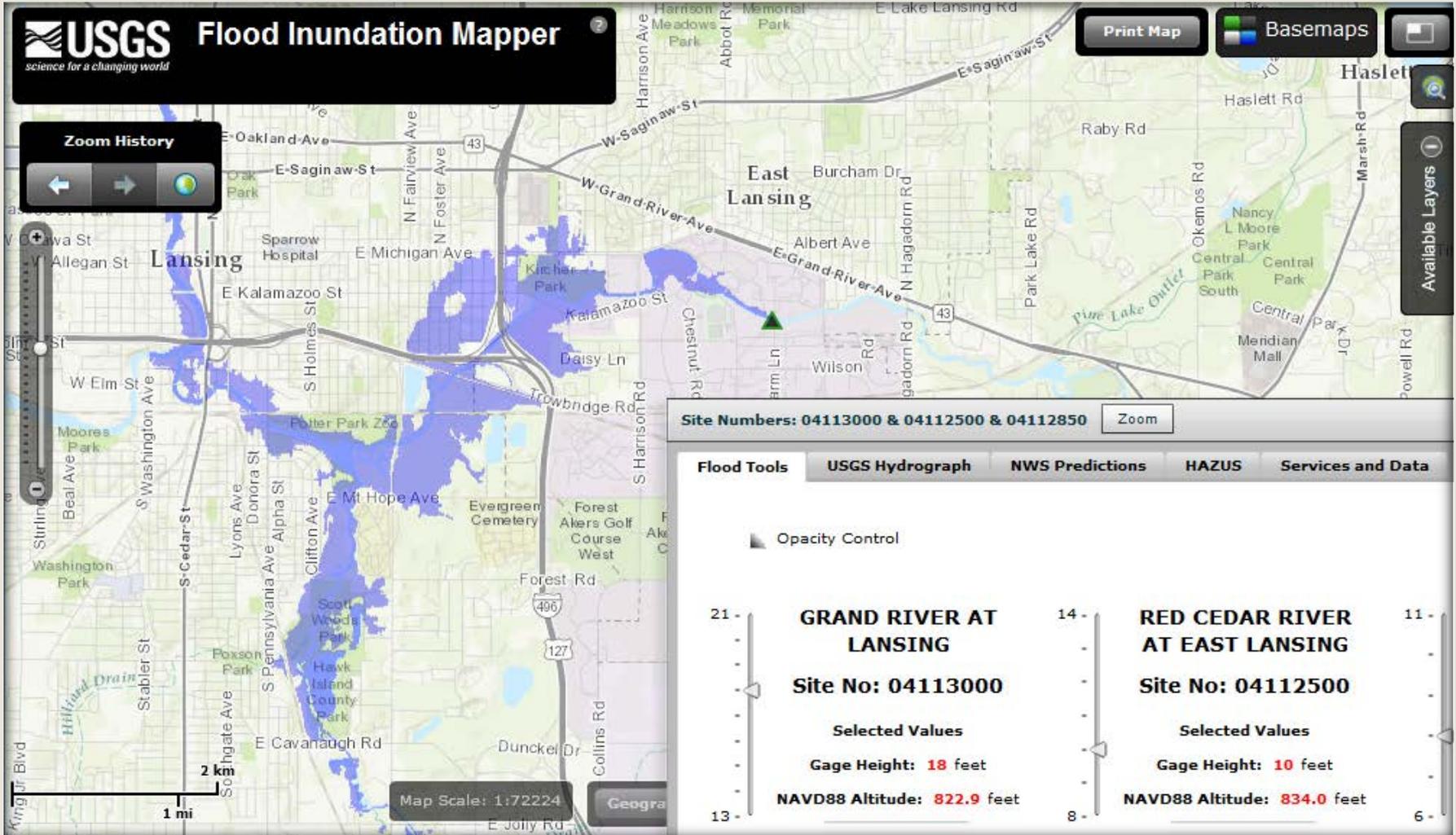
- Who will be most impacted by the inability to accurately predict flooding?
  - Potter Park Zoo
  - Lansing Board of Water and Light
  - McLaren Medical Center
  - City of East Lansing
  - Accident Fund
  - Lansing Entertainment & Public Facility Authority
- Who has an interest in community resilience?
  - Granger Foundation
  - Tri-County Regional Planning Authority
- Who else could benefit from some aspect of the project?
  - Michigan State University
  - Delhi Township

# OUR APPROACH

- Who will be most impacted by the inability to accurately predict flooding?
  - Potter Park Zoo – Ingham County
  - Lansing Board of Water and Light
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  - City of East Lansing
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- Who else could benefit from some aspect of the project?
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# THE RESULT

- USGS - \$80,000
- USACE Silver Jackets Pilot Studies Program - \$80,000
- Local Partners - \$114,500
  - City of Lansing - \$54,500
  - Ingham County - \$30,000
  - Lansing Board of Water and Light - \$30,000 + Data
  - Michigan State University - Data
  - Meridian Township, City of East Lansing - Red Cedar gage funding
- Additional three year Sycamore Creek gage funding - \$45,000
  - City of Lansing
  - Ingham County
  - Delhi Township



<http://wimcloud.usgs.gov/apps/FIM/FloodInundationMapper.html>

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