



DUPAGECOUNTY

STORMWATER MANAGEMENT





HUD FUNDING

- Community Development Block Grant (CDBG) Funding:
 - Disaster Recovery
 - Formula-based
 - National Disaster Resilience Competition (NDRC)
 - Competitive grant process
- DuPage County is eligible from April 2013 flood



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HUD FUNDING

- Awards total up to \$1 billion to eligible applicants.
- Competition involves two phases:
 - Phase 1
 - Asked to demonstrate unmet needs
 - Phase 2
 - Asked to design a resilient project/programs
- State of Illinois, Cook County & City of Chicago also eligible



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HUD FUNDING

- Applicants must demonstrate unmet need from April 2013 in:
 - Housing
 - Infrastructure
 - Environmental Degradation
 - Economic Revitalization
- To receive funding,
 - Area must meet HUD's low-mod income requirements.
 - Area cannot have duplicate benefits from other funding.
 - Project or program must protect for future events.



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HUD FUNDING

- Recovery
 - Actions done in response to an event
 - Necessary repairs, but not necessarily improvements
 - DuPage County is still recovering from April 2013 flood
- Resiliency
 - How can communities better prepare themselves for future weather events?
 - What will/can a community look like 20 years from now?
 - What tools/education/resources are needed to make communities stronger?
- **Being Resilient Helps Us Recover Quicker**



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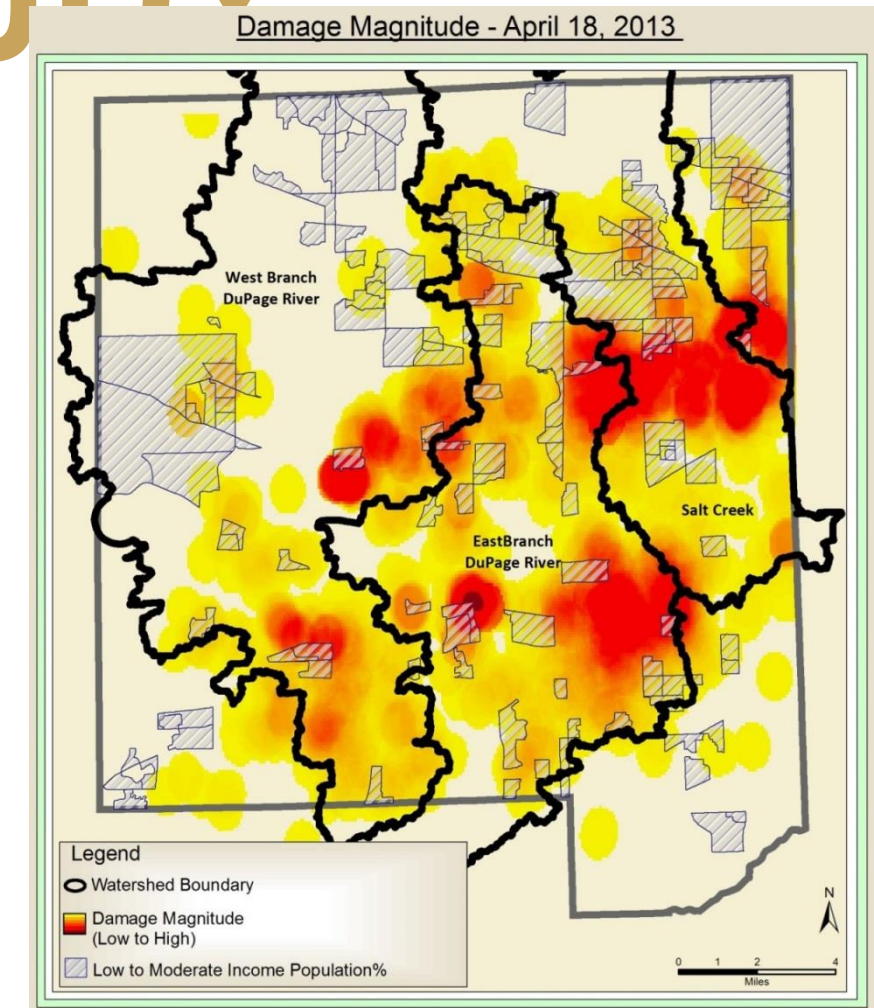


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EAST BRANCH STUDY

- April 2013 flood severely affected the East Branch communities.
- Ongoing recovery efforts include:
 - Home & business repairs
 - Flood-prone property buyouts
 - Flood mitigation projects
- HUD has confirmed that the area has unmet needs in:
 - Housing
 - Infrastructure



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EAST BRANCH STUDY

- Developing a watershed plan is the first step in the process to create more resilient communities.
- Plan addresses flooding in the watershed by including:
 - Big Ideas/Infrastructure to Protect
 - Flood Mitigation/Water Quality Projects, etc.
 - Institutional Changes
 - Government, Organizations, Policy, etc.
 - Behavioral Changes
 - Residents, Business Owners, etc.



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EAST BRANCH STUDY

In addition, it includes a resiliency framework by addressing these issues:

- Health & Wellbeing
- Economy & Society
- Infrastructure & Environment
- Leadership & Strategy



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EAST BRANCH STUDY

- During NDRC Phase 1, DuPage County developed and East Branch DuPage River Watershed & Resiliency Plan.
 - The Watershed Plan includes:
 - Unmet needs from April 2013 flood
 - Flood-prone area identification
 - Conceptual projects – local and regional
 - Water quality components
 - Watershed Plan data compiled from:
 - East Branch Steering Committee
 - Local Non-Profits
 - Public Agencies
 - Residents and Business Owners



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EAST BRANCH STUDY

- The Plan identified the Village of Lisle as having the largest amount of unmet need from the April 2013 flood.
- In NDRC Phase 2, DuPage County has been focusing on flood control projects in Lisle, specifically at the confluence of:
 - East Branch DuPage River
 - St. Joseph Creek

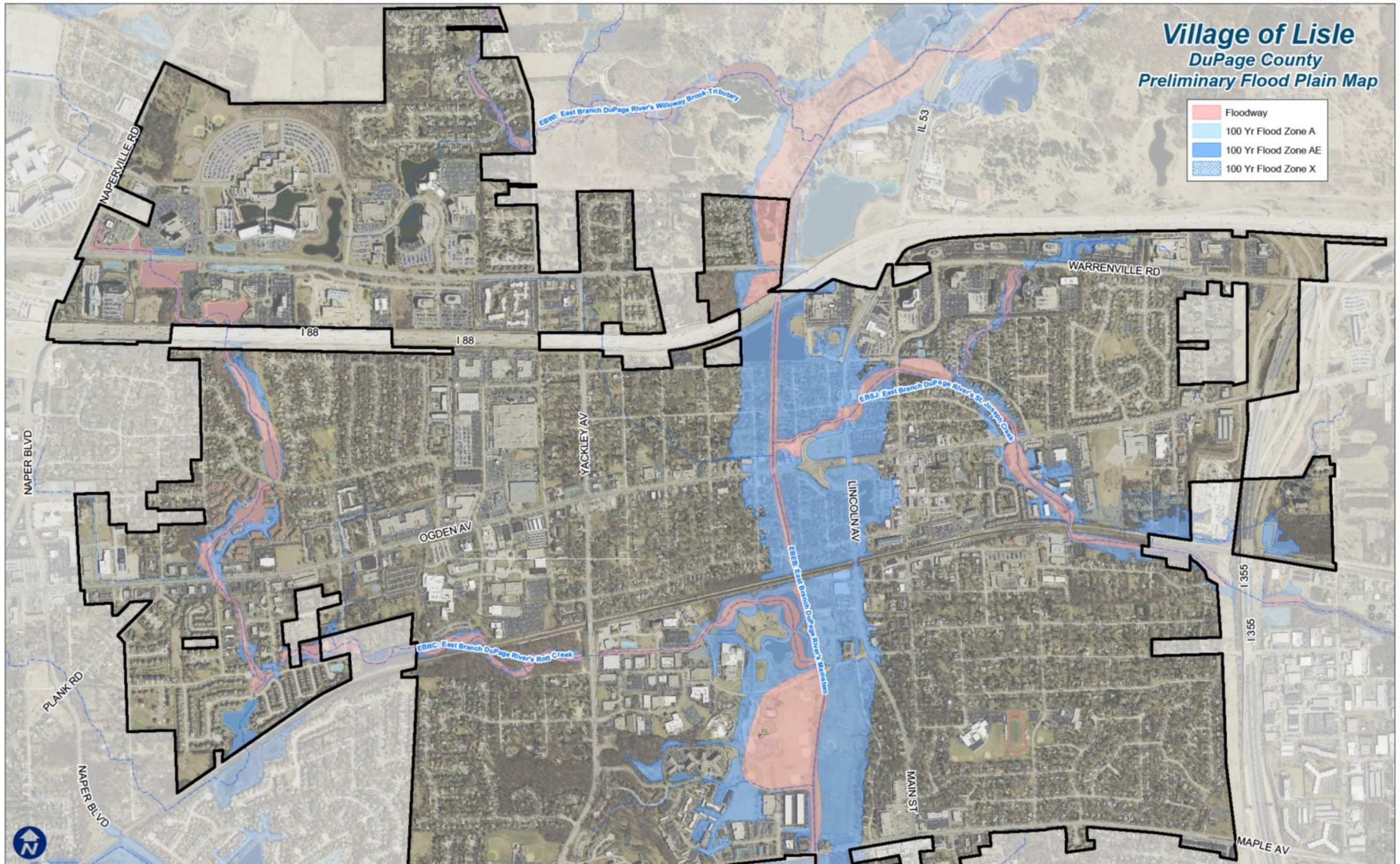


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Village of Lisle DuPage County Preliminary Flood Plain Map





PROJECT OPTIONS

- Keep the levee at current level of protection.
- Raise the land adjacent to the East Branch to a FEMA certified degree of protection.
- Improve the levee to a FEMA certified degree of protection.



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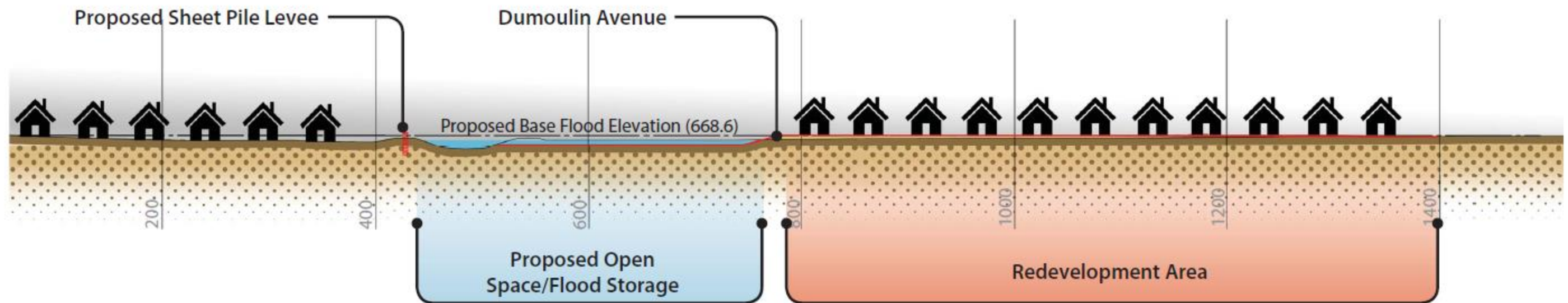


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PROJECT OPTIONS

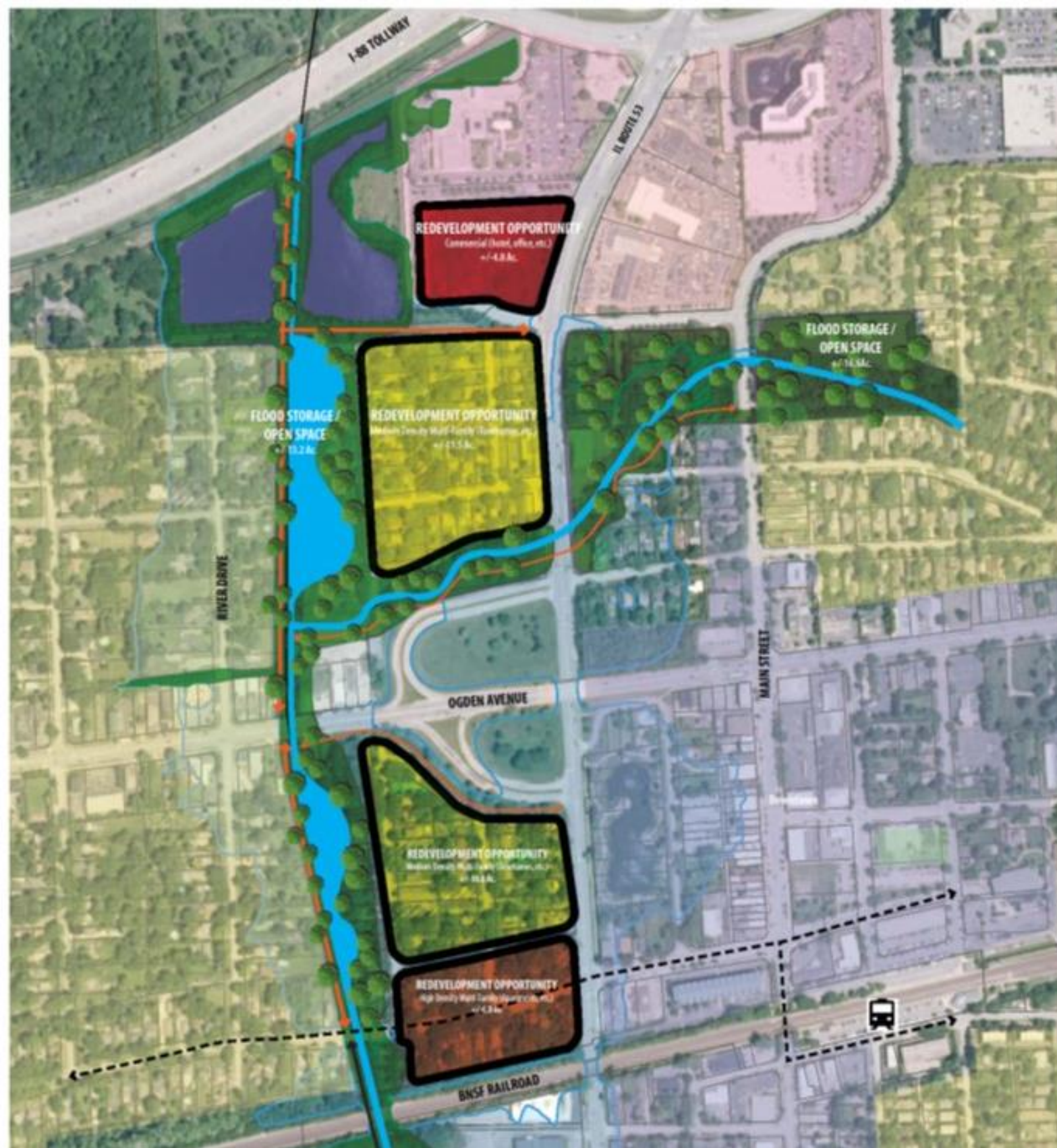
- Raise the land adjacent to the East Branch to a FEMA certified degree of protection.



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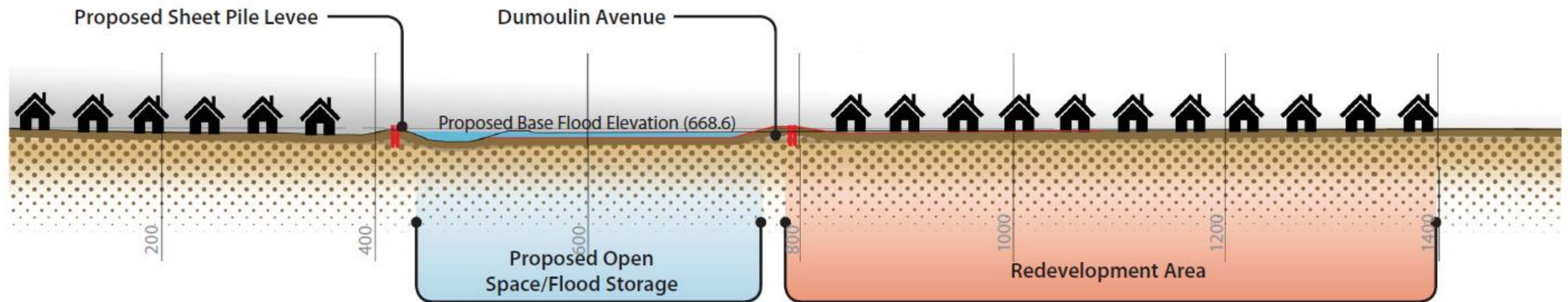
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PROJECT OPTIONS

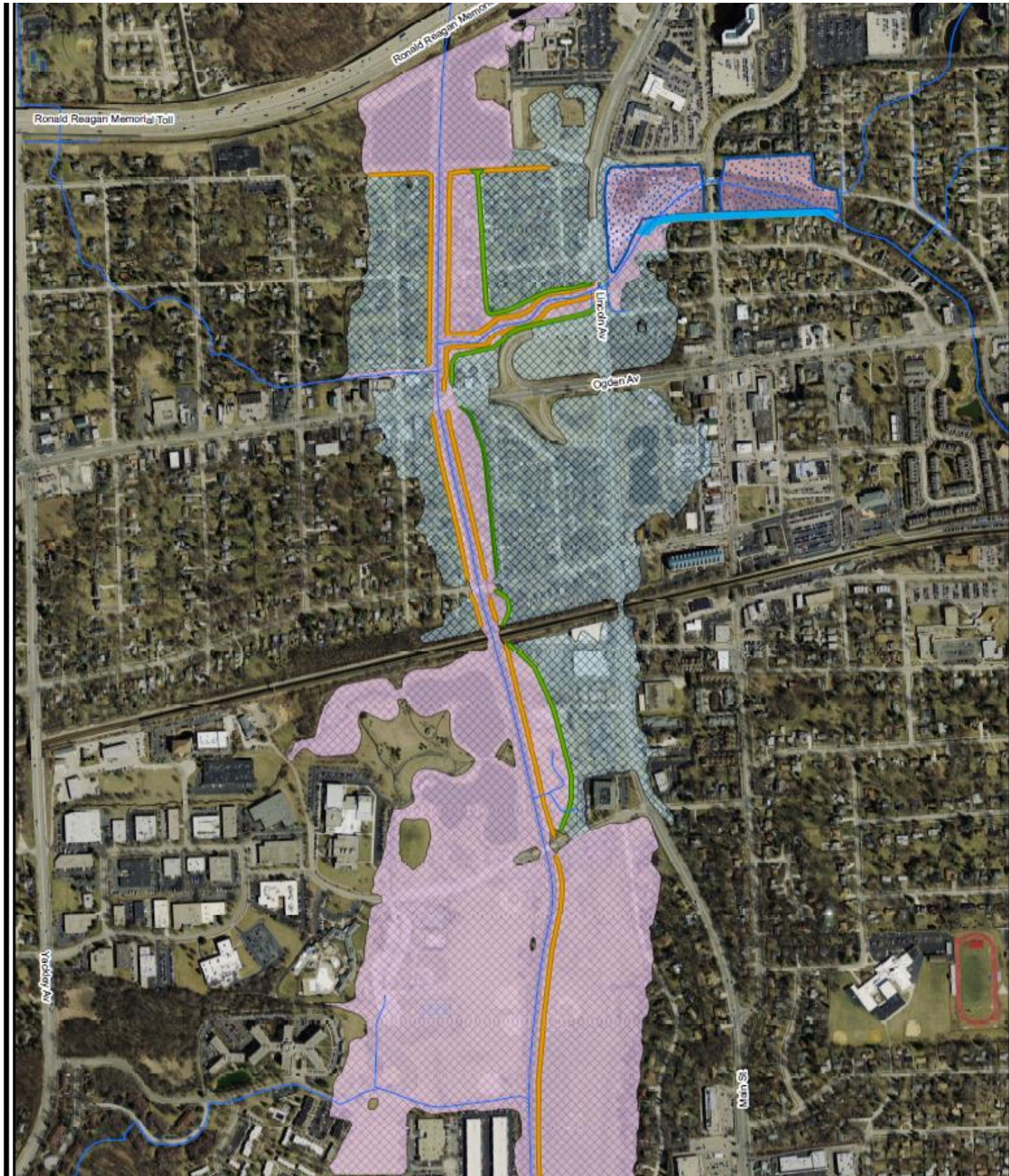
- Improve the levee to a FEMA certified degree of protection.



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QUESTIONS?

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