



FLOOD MITIGATION MASTER PLAN

MAYOR'S NEIGHBORHOOD ROUNDTABLE

SEPTEMBER 11, 2023

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OVERVIEW OF PRESENTATION



**Why are we
doing this?**

**What is the
Flood
Mitigation
Master Plan?**

**How are we
engaging the
community?**

**What other
efforts are
we doing?**

**Questions for
discussion**

WHY ARE WE DOING THIS?

The City's number one community responsibility is to **KEEP RESIDENTS SAFE**

The Salt Creek Floodplain Resiliency Study shows that there is a **HIGHER RISK OF FLOODING** in our community today than what is shown on the FEMA floodplain maps

There is increased responsibility for the City to consider **additional floodplain management** approaches to address this higher risk of flooding



FAMILIES AND BUSINESSES ACROSS LINCOLN FACE DANGER DUE TO INCREASED RISK OF FLOODING

Two cars are barely visible above the flood water on Old Cheney Road near U.S. 77.



A house basement near Old Cheney and Hunts Drive is a total loss.



Water covers the parking lot at Lincoln Southwest High School on Thursday, May 7, 2015.

FAMILIES AND BUSINESSES ACROSS LINCOLN FACE DANGER DUE TO INCREASED RISK OF FLOODING



Residents are rescued from rising flood waters in south central Lincoln. Lincoln Fire and Rescue swift water team, LPD, and Lancaster County Sheriff helped lead the evacuation of entire neighborhoods.



FAMILIES AND BUSINESSES ACROSS LINCOLN FACE DANGER DUE TO INCREASED RISK OF FLOODING

Residents remove contaminated belongings, debris, and building materials from their homes on Huntington Ave in May 2015 after flooding caused raw sewage backups in north Lincoln.



The city confirmed 174 properties had sewer water backups during the May storm. Lincoln City Council approved a \$1 million disaster assistance fund aimed at providing some money to help affected property owners and renters pay for sewer-backup cleanup costs.

**Just 1 inch of water
can cause \$25,000
of damage to your home.**



FEMA



WHAT IS THE FLOOD MITIGATION MASTER PLAN?

The Process

PHASE 1

PLANNING PROCESS

- Organize
- Involve the Public
- Coordinate

PHASE 2

RISK ASSESSMENT

- Assess the Hazard
- Assess the Problem

PHASE 3

MITIGATION STRATEGY

- Set Goals
- Review Possible Activities
- Draft Action Plan
- Adopt Plan
- Implement, Evaluate, Revise

WHAT IS THE PURPOSE OF THIS PLAN?

To understand
Lincoln's flood risk
and identify
mitigation actions
and projects to
protect our
community

To be eligible for
FEMA funding for
mitigation projects

To reduce flood
insurance premiums
for Lincoln residents
by move up one or
more CRS
classifications

WHAT IS THE COMMUNITY RATING SYSTEM?



FEMA's Community Rating System (CRS) is a program that **rewards** communities for efforts they take to reduce flood risk.



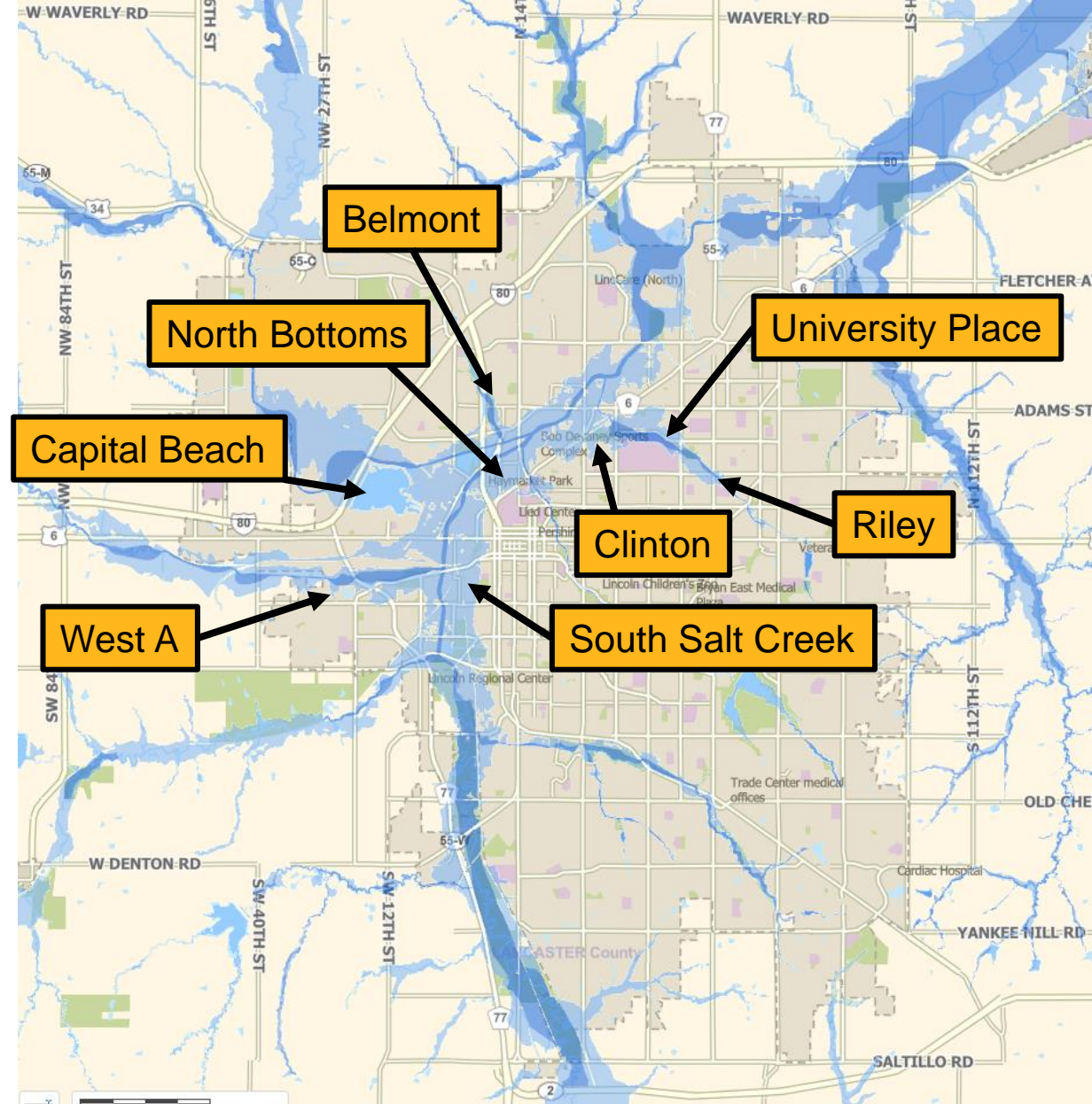
The City is a participant in the CRS program and earns points for different floodplain management and mitigation activities



The City of Lincoln is a Class 5, resulting in a **25%** reduction in flood insurance premiums for all policy holders in Lincoln

WHAT ARE THE FLOOD RISKS?

- Floodplain covers 16% of the City
- Urban flooding
- Dam/levee failure



WHAT ARE THE RECOMMENDED ACTIVITIES?

PREVENTATIVE ACTIVITIES

- Detention & green infrastructure
- Compensatory storage

PROPERTY PROTECTION

- Voluntary property acquisition
- Structure elevation or relocation

NATURAL RESOURCES PROTECTION

- Identify fluvial hazard zones
- Green infrastructure

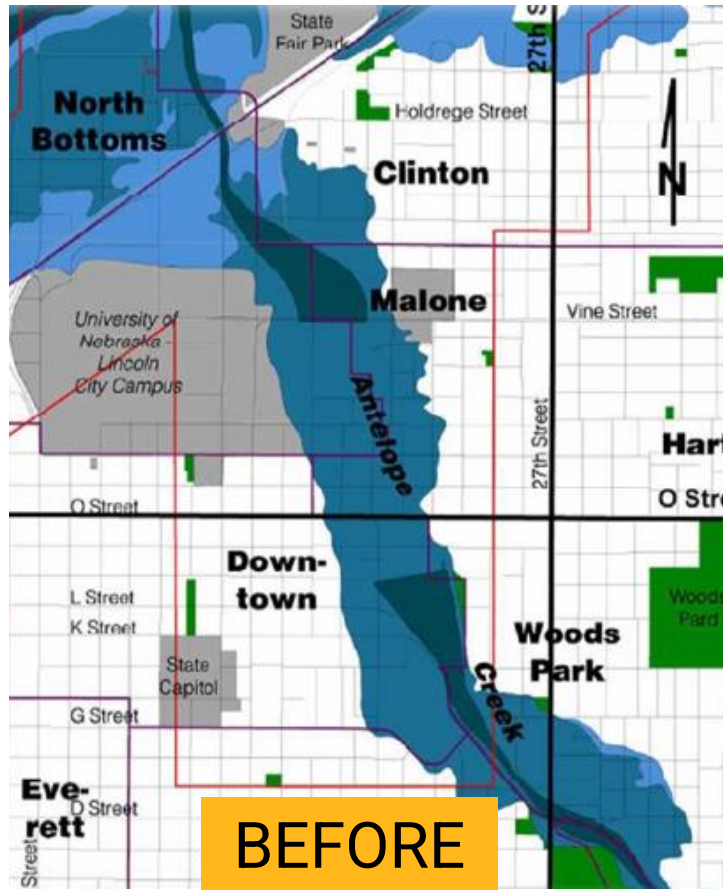
EMERGENCY PREPAREDNESS / RESPONSE

- Emergency Action Plans
- Public education
- Enhanced community engagement

STRUCTURAL PROJECTS

- Flood reduction projects
- Stormwater drainage system improvements

PAST EFFORTS – ANTELOPE VALLEY



COMMUNITY ENGAGEMENT

- We want to hear from people affected by flooding; people who live, work, and own businesses in the floodplain
- Engagement opportunities:
 - Meetings with neighborhood associations in floodplain areas
 - Meetings with community organizations
 - Open house
 - Online survey

COMMUNITY ENGAGEMENT SCHEDULE

- We will be reaching out to neighborhood associates in the next couple weeks to set up individual meetings
- We will be posting the draft Flood Mitigation Master Plan on our website for public review
- We will be sending out post cards to residents in the floodplain with information and link to online survey
- We will be hosting an open house on September 26th

OTHER EFFORTS TO PROTECT OUR COMMUNITY

- Adopted higher floodplain regulatory standards in January 2023
- Continuing active participation in FEMA's Community Rating System
- Floodplain remapping project (100% FEMA funded)
- Feasibility study of structural & non-structural flood
- Enhanced community engagement



DISCUSSION QUESTION

How have you been affected by flooding in the past?

What kinds of stories have you heard of flooding in your neighborhood?

DISCUSSION QUESTION

The City is considering a program to purchase property
in the floodplain from homeowners wishing to sell

and

to provide financial assistance to homeowners wishing
to elevate their home above the floodplain.

What interest and/or concerns do you feel people in your
neighborhood would have?

DISCUSSION QUESTION

What questions do you have about the efforts the City has underway to address the higher risk of flooding in our community?

QUESTIONS?



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END OF PRESENTATION

GOALS

GOAL 1: Protect the Health and Safety of Residents and Visitors

GOAL 2: Reduce Future Losses from Flood Events

**GOAL 3: Increase Public Awareness and Education Regarding
Vulnerability to Flood Hazards**

**GOAL 4: Ensure Coordinated Efforts to Increase Flood Resilience and
Promote Sustainability**

FLOOD MITIGATION MASTER PLAN

- This plan will be an extension of the 2020 Lower Platte South National Resources District Multi-Jurisdictional Hazard Mitigation Plan
- Explain what a hazard mitigation plan is