A photograph of a city street scene in Reno, Nevada. In the foreground, a large, colorful sculpture of a whale tail is visible. The background features several modern buildings, including a prominent glass skyscraper. The sky is blue with scattered white clouds. A semi-transparent white box is overlaid on the image, containing the text for the agenda item.

**Agenda Item D.2**  
**Regional Flood Mapping Update**  
**(No Action – Information Only)**  
**March 26, 2025**



# Alignment with Strategic Plan



Economic & Community  
Development

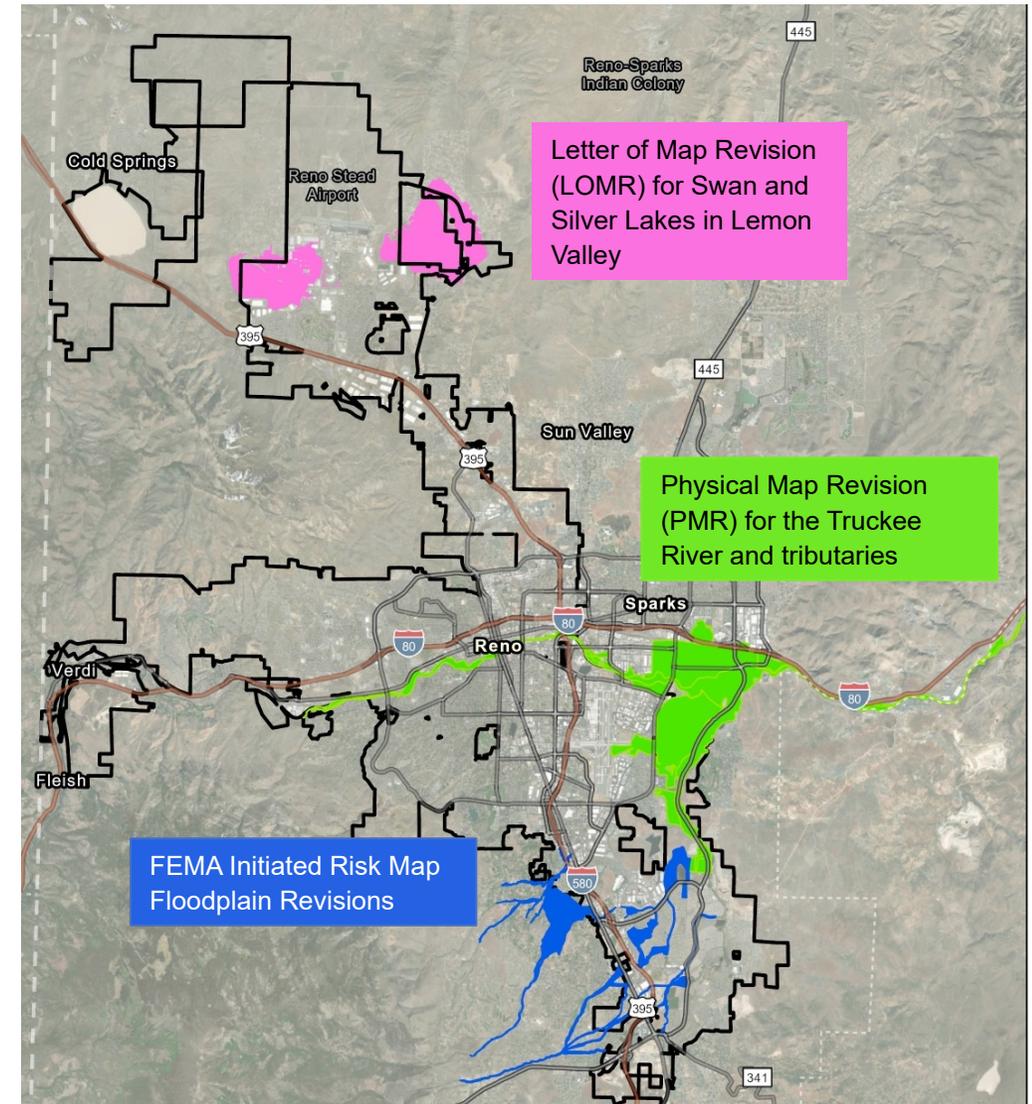


Infrastructure, Climate  
Change, & Environmental  
Sustainability

# Regional FEMA Flood Mapping Update

## Three (3) Concurrent FEMA Mapping Update Projects:

- None were initiated by Reno
- All are supported by Reno
- Effective FEMA flood maps are out of date
- National Flood Insurance Program compliance requirements
- FEMA flood maps to better reflect actual flood risk



# Lemmon Valley LOMR - Swan and Silver Lake

## Initiated by

- Washoe County
- City of Reno supports mapping update

## Why

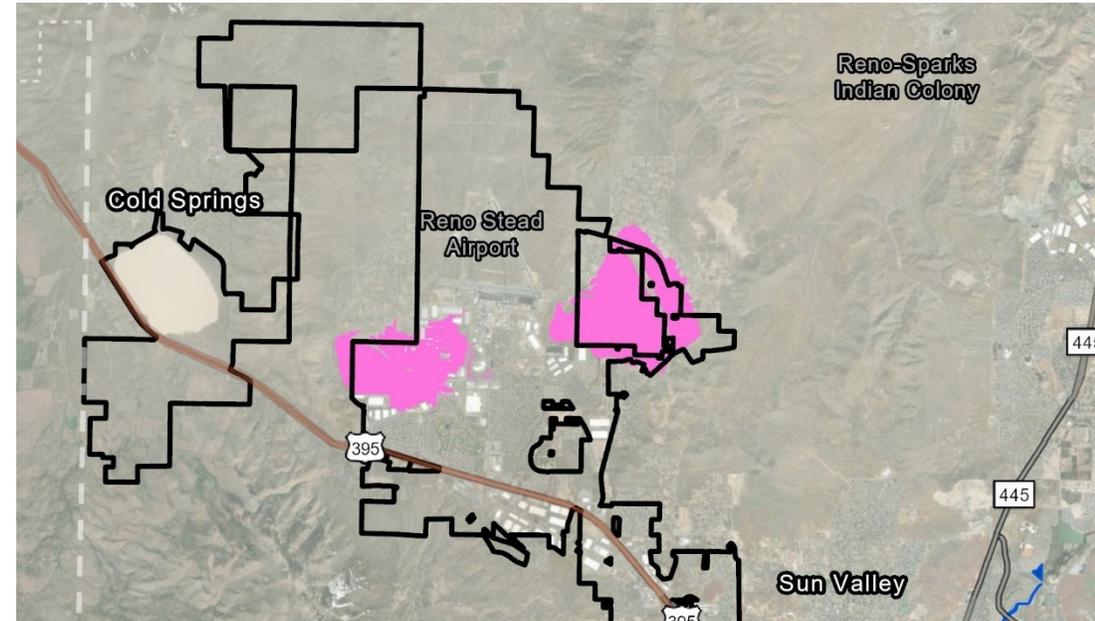
- 2017/2019 flooding demonstrated mapping inaccuracy
- New modeling based on superior topographic data, and hydrologic and hydraulic analysis methods

## Status

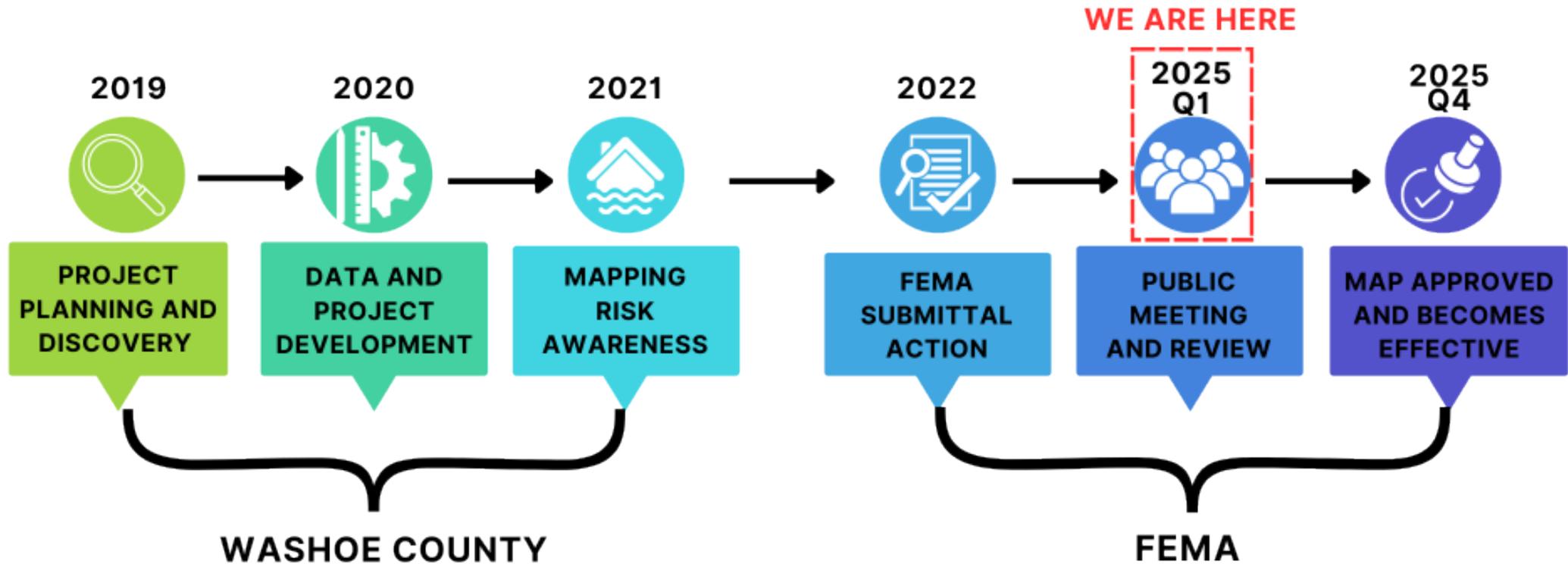
- Revised floodplains completed
- Public outreach completed

## Impact

- Improved 1% annual chance accuracy and flood risk at Swan/Silver lakes



# Lemmon Valley LOMR - Swan and Silver Lake Schedule



- Submittal and Approval**
- Public Meeting
  - 90-Day Comment/Appeal Period
  - Resolve Appeals
  - Finalize Map Products

# TRFMA Physical Map Revision (PMR)

## Initiated by

- Truckee River Flood Management Authority (TRFMA)

## Why

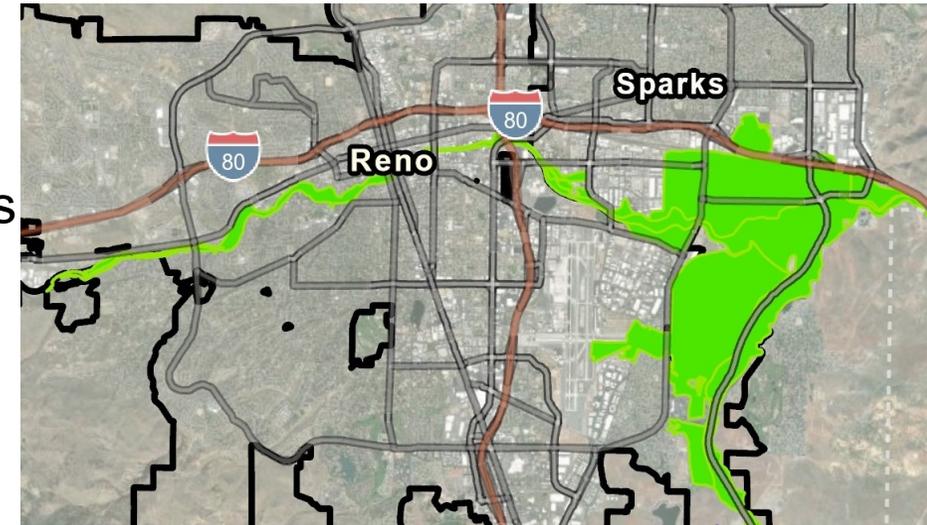
- New modeling based on superior topographic data, and hydrologic and hydraulic analysis methods
- Floodway modifications
- Existing conditions model needed for TRFMA flood projects

## Status

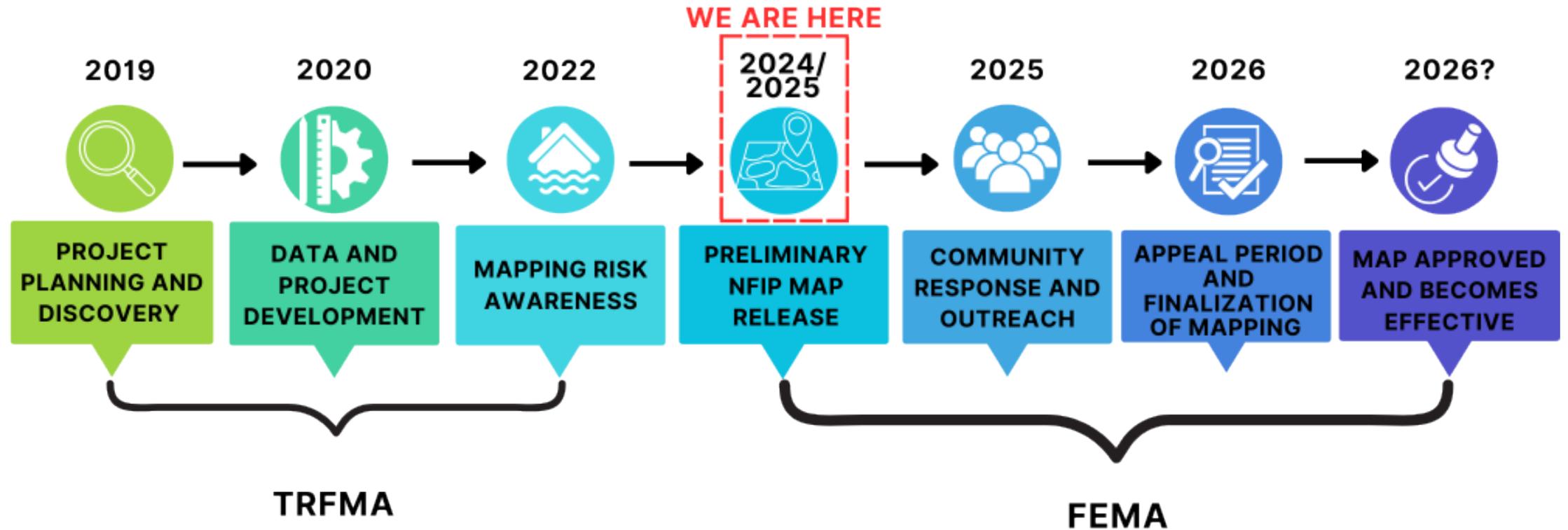
- Community Response and Outreach phase
- Mapping updates yet to be completed by FEMA

## Impact

- Improved 1% annual chance accuracy and flood risk at on the Truckee River and its tributaries and update floodways



# Physical Map Revision Schedule



- POST-PRELIMINARY STEPS**
- Initial Comments
  - 90-Day Comment/Appeal Period
  - Resolve Appeals
  - Finalize Map Products
  - 6 Month Adoption Period

# FEMA Risk Map – South Reno

## Initiated by

- Federal Emergency Management Agency (FEMA)

## Why

- New modeling based on superior topographic data, and hydrologic and hydraulic analysis methods
- Growth experienced in the region
- Countywide updates

## Status

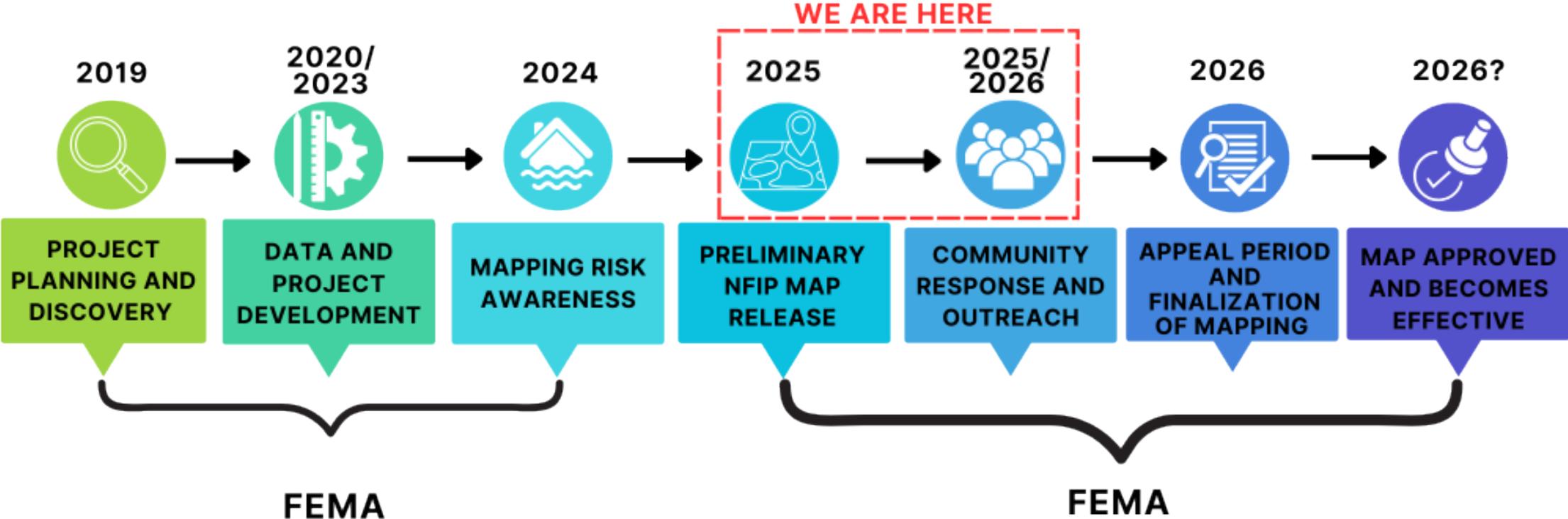
- Community Response and Outreach phase
- Mapping updates with Reno input yet to be completed by FEMA

## Impact

- Improved 1% annual chance accuracy and flood risk at on South Reno tributaries (Whites, Thomas, Dry Creeks) to Steamboat Creek



# South Reno Risk Map Schedule



- POST-PRELIMINARY STEPS**
- Initial Comments
  - 90-Day Comment/Appeal Period
  - Resolve Appeals
  - Finalize Map Products
  - 6 Month Adoption Period

# Questions?