



# FLOODPLAIN OFFICE UPDATE

Watershed Protection Department  
Waller Creek LGC | September 16, 2020



# Floodplain Office Update

What have we completed?

What are we doing now?

What are we working on?

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Atlas 14-related floodplain regulations code revision (effective date: Nov 25, 2019)

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3. Freeboard increase to 2 feet
4. Expand the Colorado River exception
  - no impact to Lady Bird Lake (exception already existed)

# What have we completed?

Revised Drainage Criteria Manual to incorporate updated Atlas 14 rainfall information

- Applies to design for all drainage infrastructure
- Effective date January 2020

# What are we doing now?

## Additional floodplain regulations code revision

- Commercial redevelopment exception. Draft language includes:
  - No increase in building square footage
  - No increase in occupant load
  - Limit uses (educational, factory, high hazard, institutional not allowed)
  - No increase in parking flood risk

# What are we working on?

Updated floodplain studies using Atlas 14 rainfall data

- Re-studying all creeks in city
  - City of Austin and FEMA floodplains
- Received FEMA grants (~\$2.4M); Applied for TWDB grant
- 2-3 year process
  - Approximately 4 years for FEMA map updates

# Waller Creek Tunnel LOMR Status

## Approximate timeline

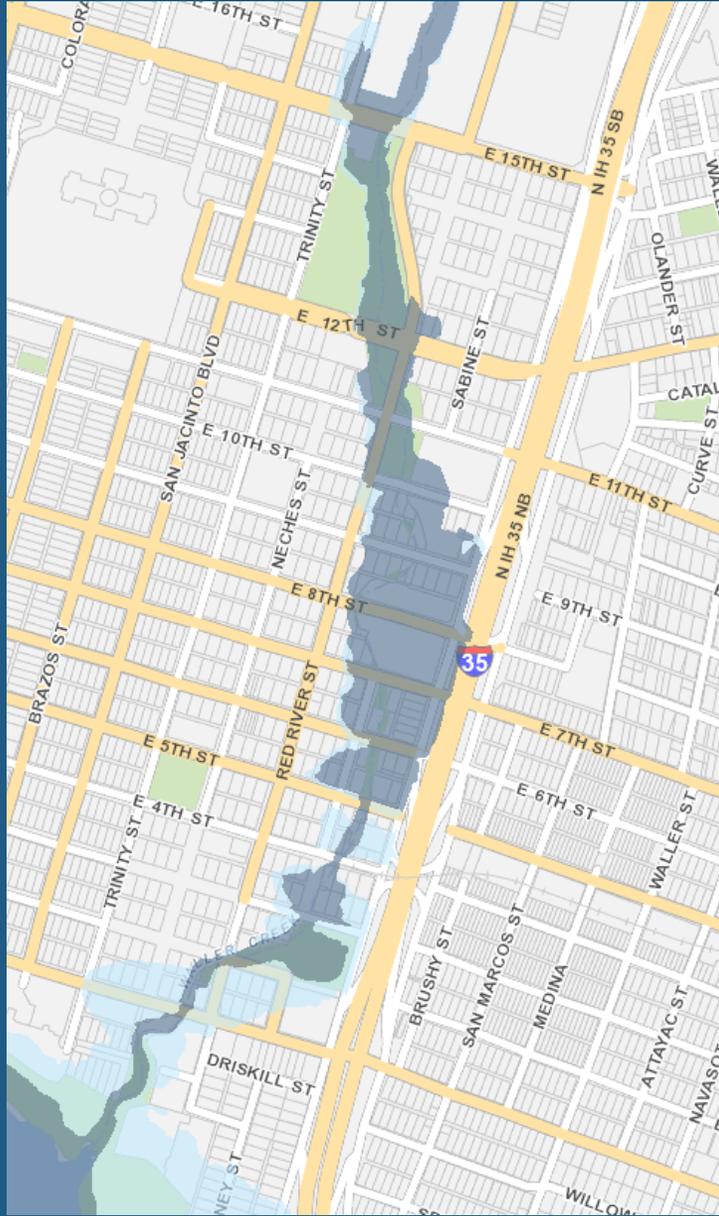
- 1<sup>st</sup> Draft submittal of LOMR to City – April 2021
- Submittal to FEMA – June 2021
- FEMA approval – March 2022



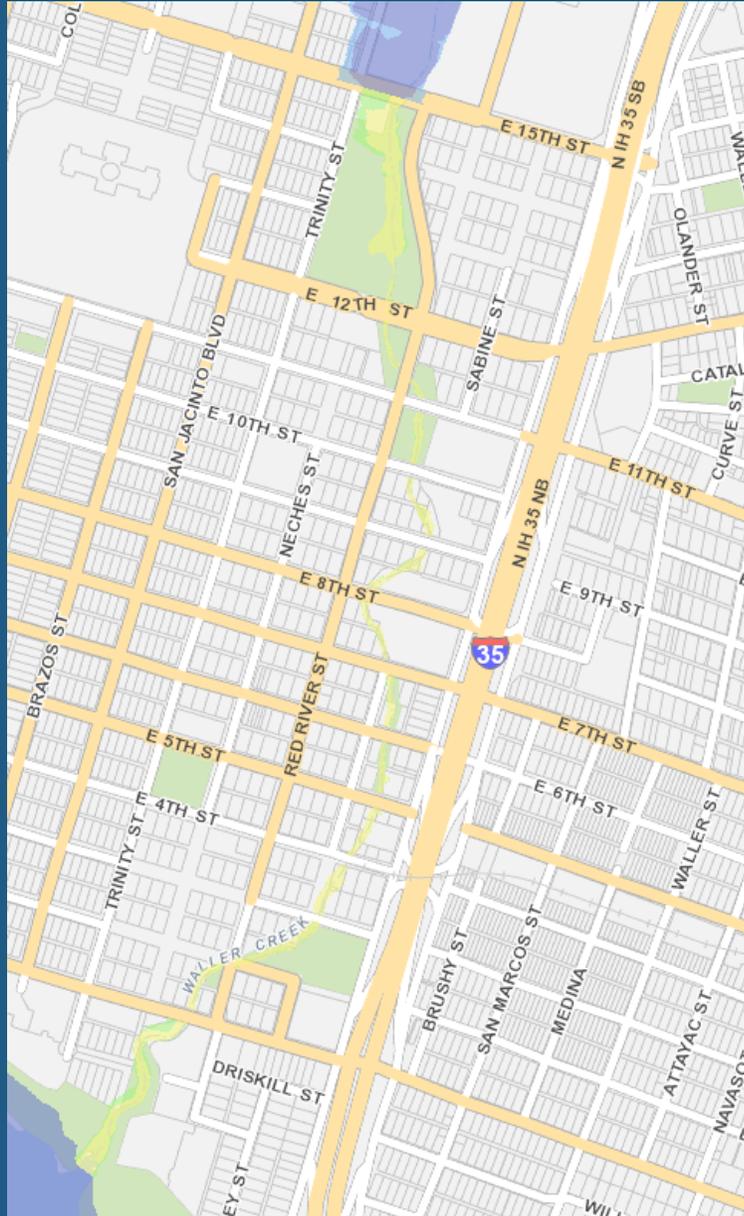
# FLOODPLAIN OFFICE UPDATE

**ATX FLOOD SAFETY**

Pre-tunnel (and current effective) FEMA floodplains



Post-tunnel (and regulatory) floodplains



**ATX FLOOD SAFETY**

