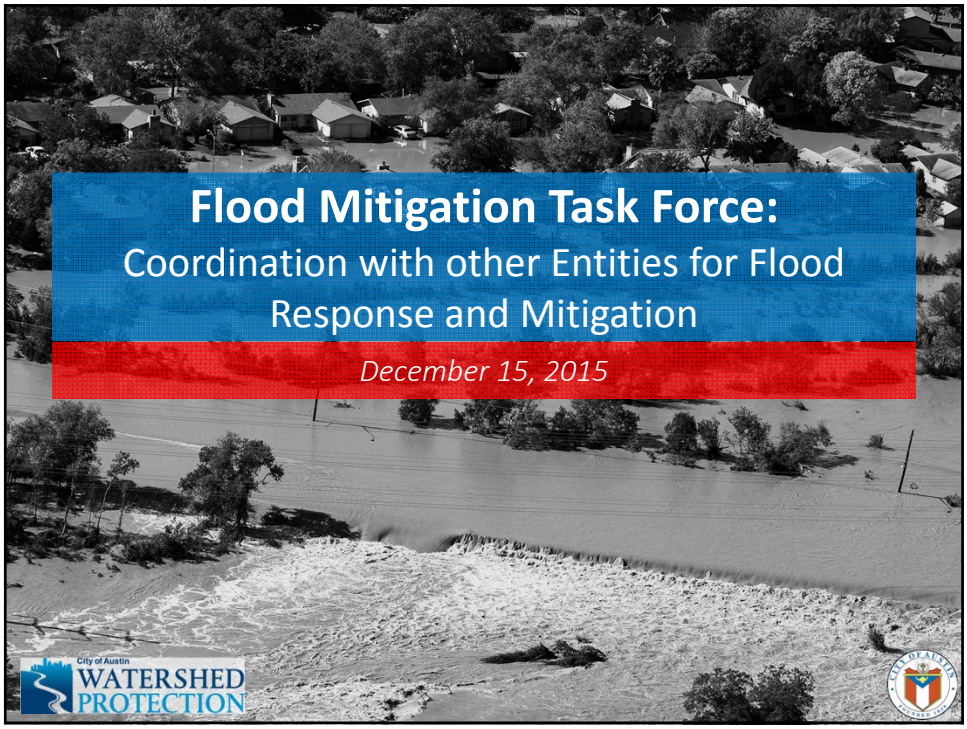

Presentation Overview

- Flood Response Coordination
  - Before, During, and After the storm
- Flood Mitigation Coordination
- Flood Mitigation Funding Coordination

2

Before the Storm

- Outreach: COA, NWS, USGS, LCRA, TFMA, Public Safety
- National Weather Service
- Lower Colorado River Authority
- Local media meteorologists
- Austin/Travis County partners
- Texas Division of Emergency Management

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During the Storm

- National Weather Service
  - NWS Chat; Video and Phone
- Austin Homeland Security and Emergency Management
  - Public Safety agencies, Public Works, Austin Energy
  - CAPCOG area counties and cities
- Lower Colorado River Authority
  - Floodgate Operations Notification Service (FONS)

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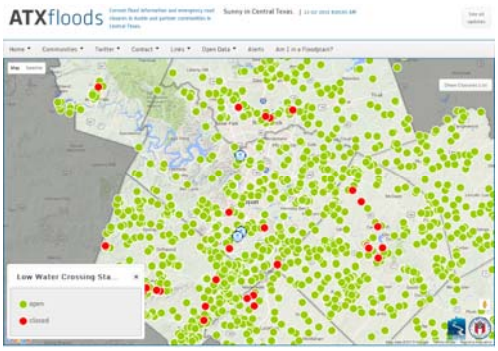
During the Storm

- Rain and stream level gauges
  - Austin, USGS, LCRA, UBCWCID
- Closing Austin roads due to flooding
  - WPD, PWD, APD, AFD
- Evacuations
  - HSEM; Public Safety agencies



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After the Storm

- Austin Homeland Security and Emergency Management
  - Austin agencies: WPD, AWU, AE, ORES, APD, AFD, EMS, HHSD, ASO, PARD, FS, ARR, NHCD
  - Travis County: EM, TNR, TCSO
  - American Red Cross
  - Volunteer Organizations: CERT, VOAD
- Texas DEM and TWDB
- FEMA

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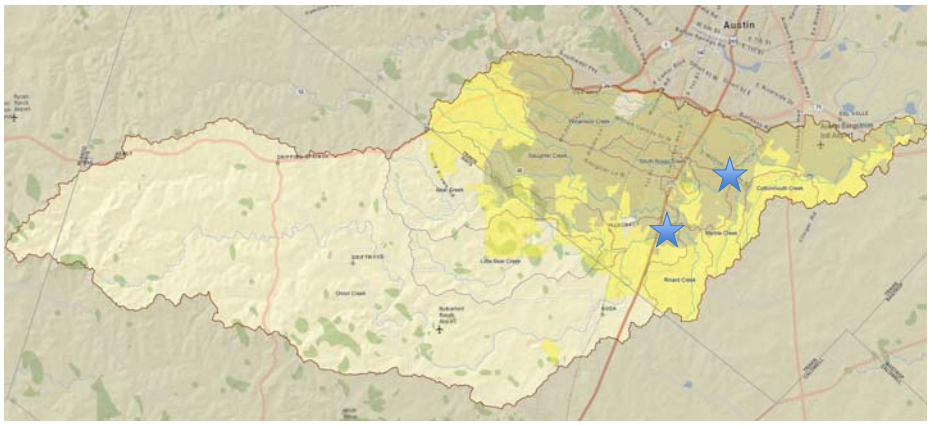
Necessity of Coordination…an example

Onion Creek drainage area: 345 square miles

61% is outside the City's jurisdiction



Onion Creek Flood Mitigation

- Onion Creek Feasibility Study (1999-2006)
  - United States Army Corps of Engineers
  - City of Austin
  - Travis County
  - Lower Colorado River Authority
  - City of Sunset Valley

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Shoal Creek Regional Detention

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Shoal Creek Regional Detention

- Austin built ponds after 1981 Memorial Day flood
- Upgraded ponds for more flood mitigation benefits in 1999
- Partnered with:
  - Private developers (Zales-Krueger and Arbor Walk)
  - TxDOT
  - University of Texas at Austin

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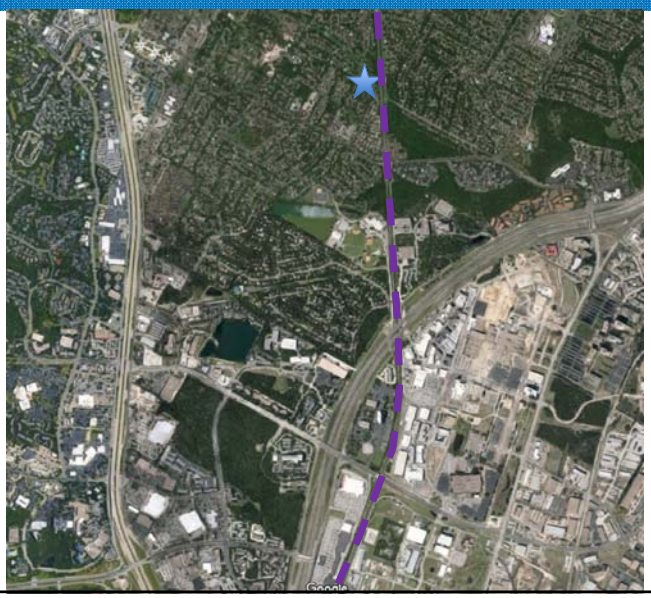
Whispering Valley (Walnut Creek)



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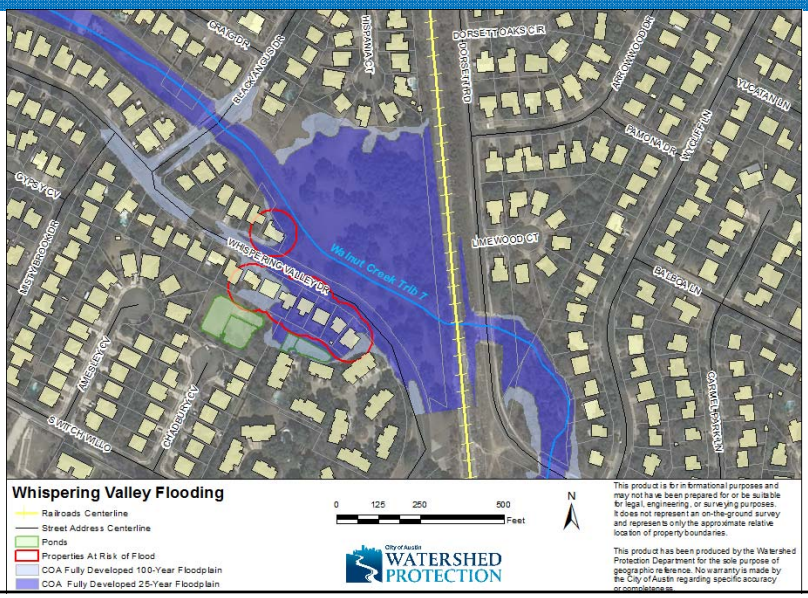
Whispering Valley (Walnut Creek)



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Whispering Valley (Walnut Creek)

- 8 homes flooding on a tributary of Walnut Creek
- Undersized, aging railroad infrastructure
- WPD coordinating with UPRR
- Potential cost-sharing
- Leadership and facilitation from District 6 Council Member

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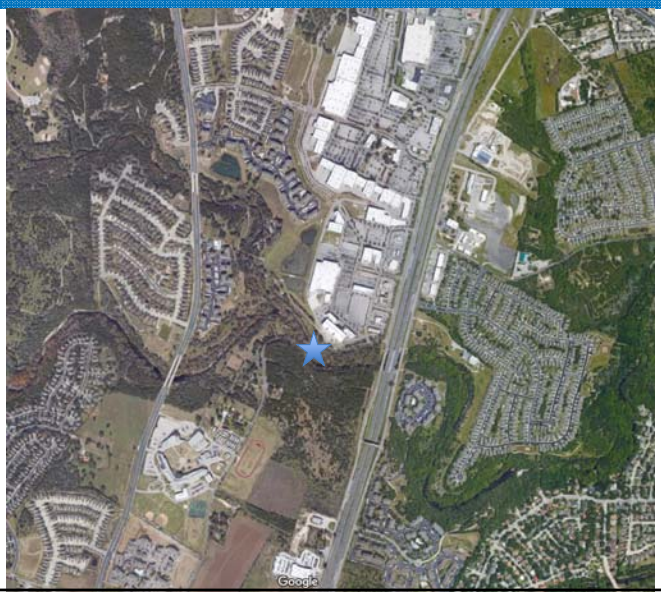
Old San Antonio Road (Slaughter Creek)



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Old San Antonio Road (Slaughter Creek)

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Old San Antonio Road (Slaughter Creek)

- Low-water crossing
- WPD feasibility design for new bridge
  - Coordination: PARD
- WPD considering closing road
  - Coordination: AFD, PARD, APD, EMS, ATD, PWD, AISD, TxDOT, private developers

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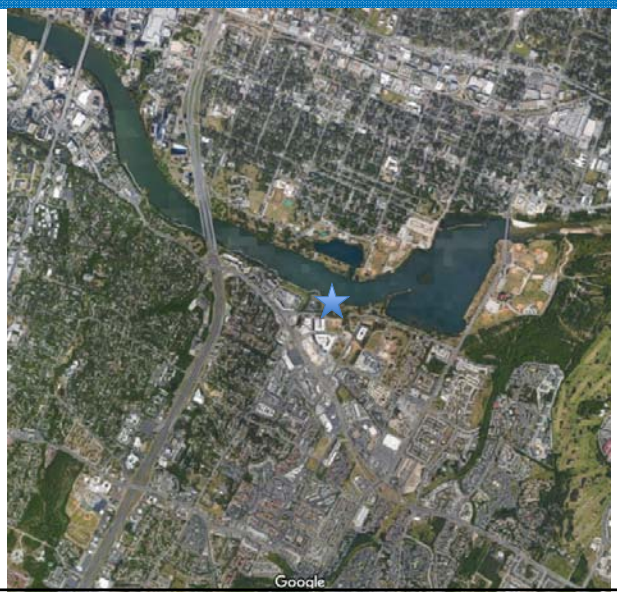
South Shore PUD (Lady Bird Lake)



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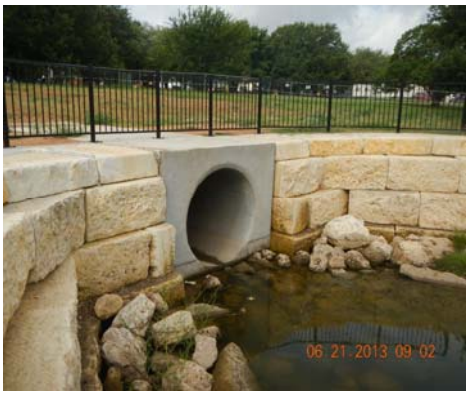
South Shore PUD (Lady Bird Lake)

- Storm Drain Improvement (SDI) project
- Partnered with:
  - Private Developer
  - WPD
  - PARD
  - AWU



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Sources of Funding

- Drainage Utility Fund
- General Obligation Bonds
- Certificates of Obligation
- Matching Grants from FEMA, USACE
- Partnerships
- Alternate financing

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Contact Information

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Flood Mitigation Task Force:
https://www.austintexas.gov/fmtf Main Webpage
https://floodmitigationtaskforce.bloomfire.com/ Additional Resources Webpage

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