



Middle Williamson Creek Flood Hazard Mitigation Project

December 3, 2015

Briefing for Open Space, Environment and Sustainability Committee

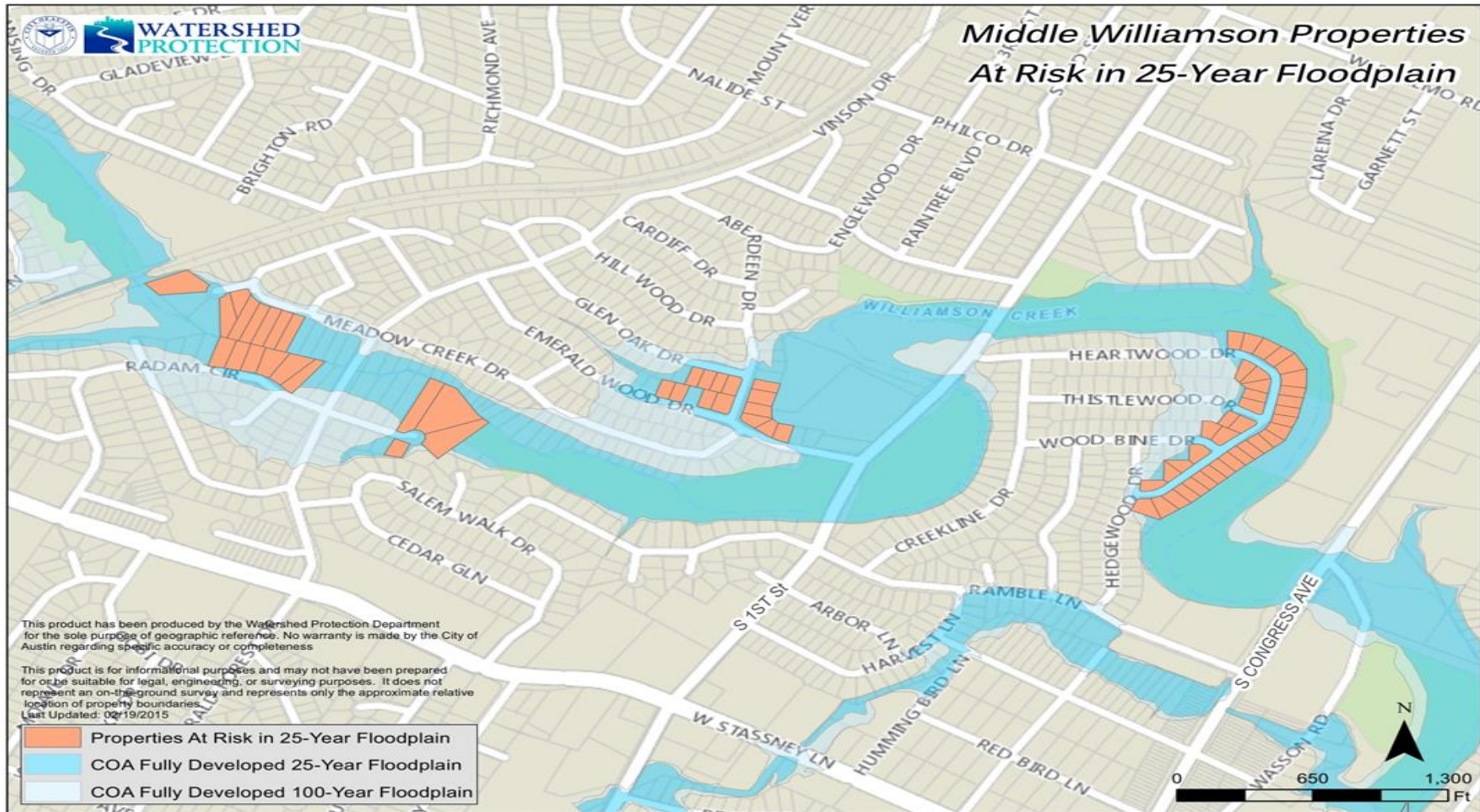
Agenda

- Middle Williamson Creek Project Update
- Buyout Policy Update
 - Existing WPD Program Overview
 - Flood Mitigation Task Force Discussions

Prior Council Items

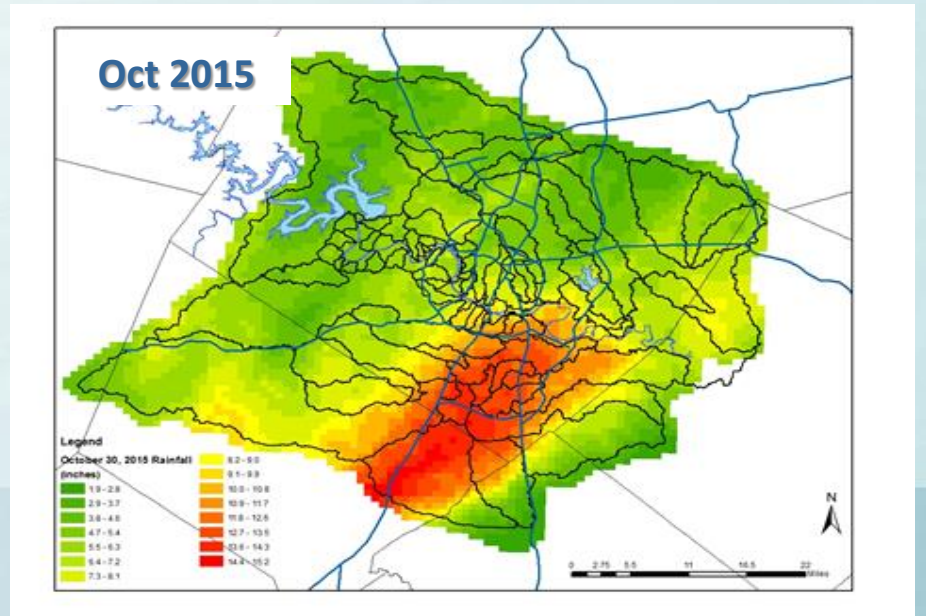
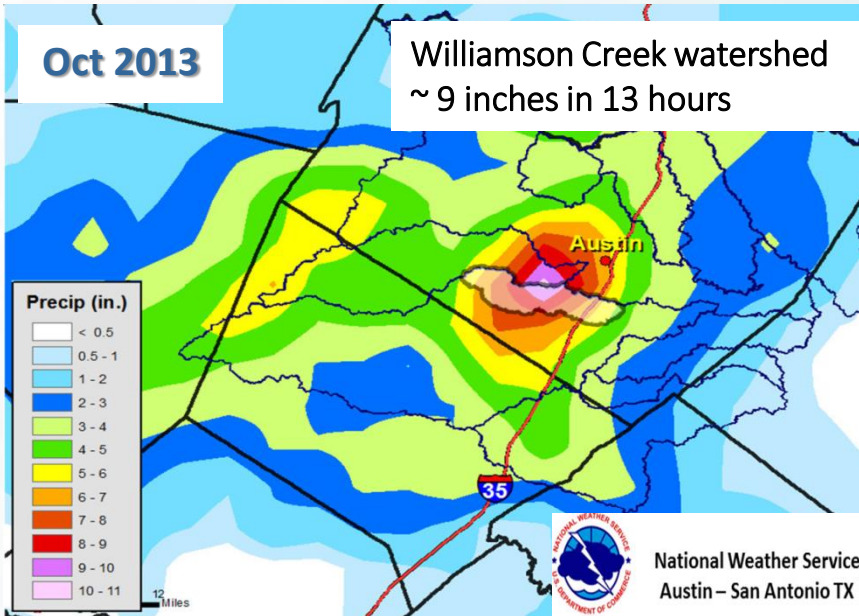
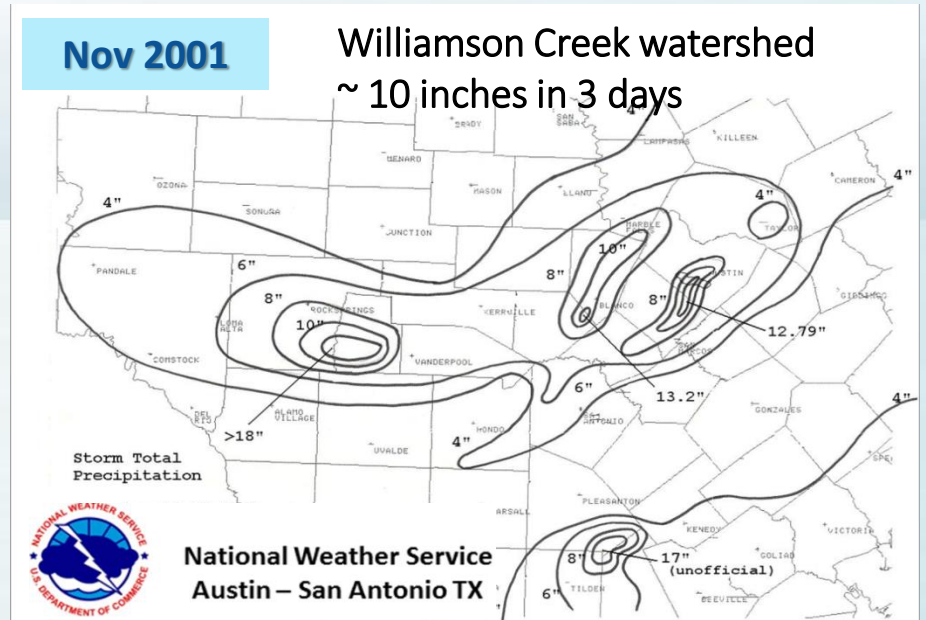
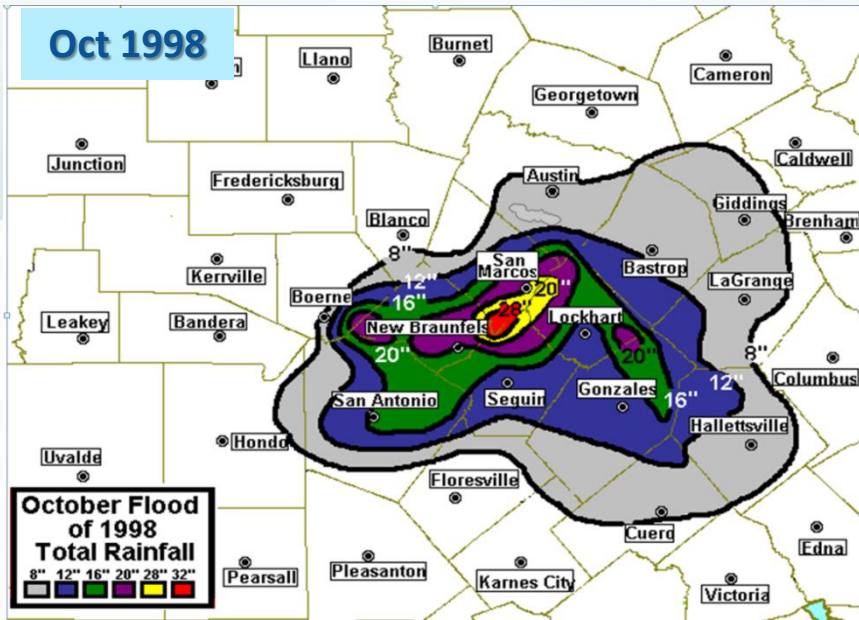
- September 2014 – Funding approved for acquisition of 66 properties at risk of flooding
- November 2014 – Authorization granted to make offers to 3 properties
- June 4, 2015 – Authorization requested to make offers for 63 properties

June 2015 Council Request



Middle Williamson Creek Project

- Creek Flood Hazard Priority #2
- ~500 properties at risk
- Partnership with U.S Army Corps of Engineers
 - Flood hazard mitigation study initiated in 1999, evaluation of structural & non-structural solutions
 - Several areas of Williamson Creek included
 - Bayton Loop
 - Broken Bow
 - Radam/Emerald Forest
 - Heartwood



Williamson Creek October 1998 10-Year Event



◀ 5600 Bayton Loop

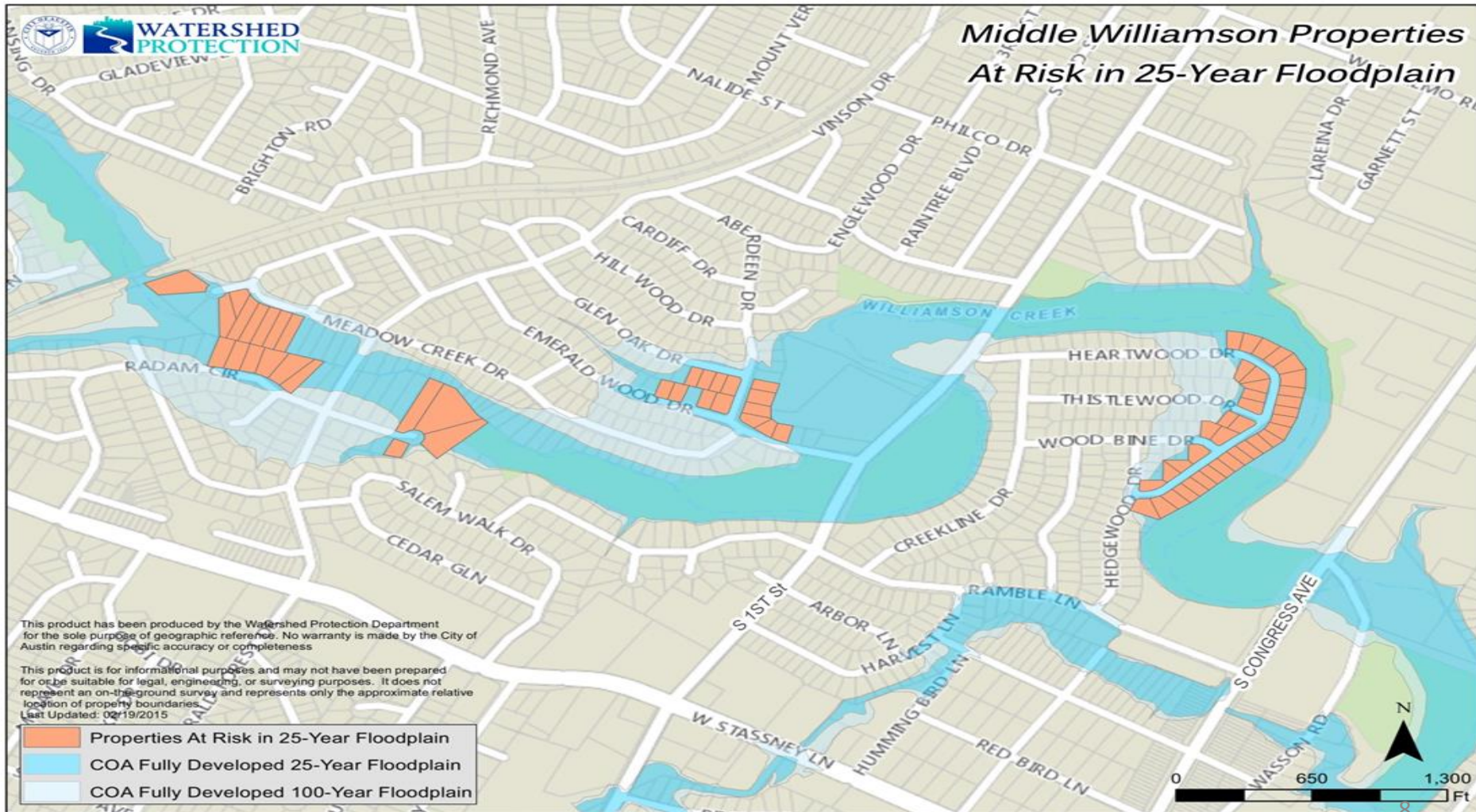


◀ 5610 Bayton Loop



◀ Looking North on
Bayton Loop

June 2015 Council Request



June 2015 Council Action

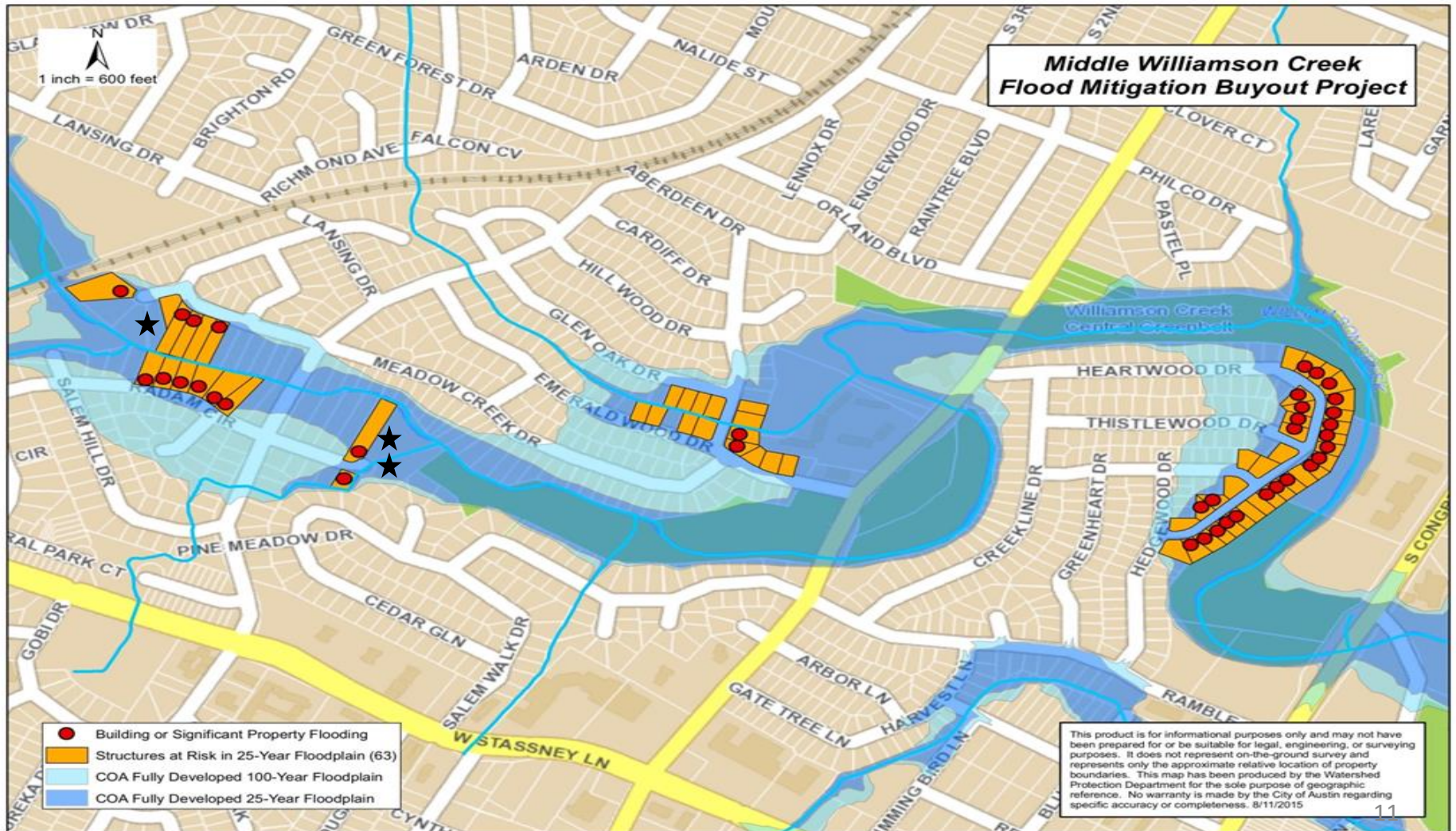
- Proceed with buyout for:
 - Properties that experienced building flooding during the 10/13/2013 flood
 - Deed date must be before October 2013
 - Did not experience building flooding but were impacted by that flood in such a way as to create a risky situation either for the occupants or for first responders
 - Resulted in 38 of 63 properties eligible
- Report back to Council and Flood Mitigation Task Force for additional consideration of properties which currently don't meet the criteria (25 properties)

Buyout Determination

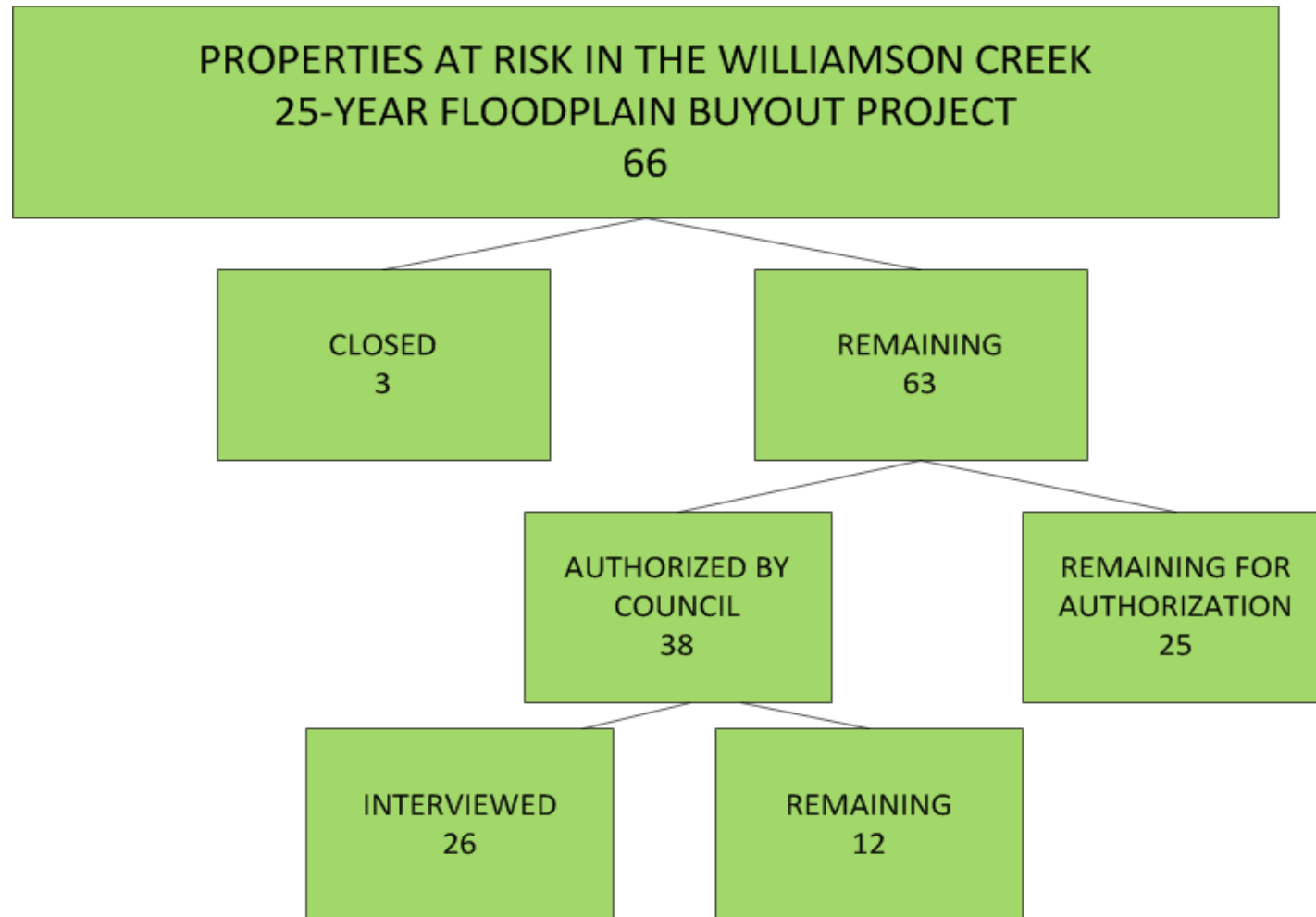
- Interior flooding:
 - 20 properties with evidence of house flooding during October 2013 flood
 - 2 exclusions due to changes in ownership
 - Results in **18** properties eligible
- Property flooding:
 - Property-by-property evaluation based on water surface of October 2013 flood
 - **20** properties deemed to have experienced at-risk conditions during October 2013 event

Total: **38** properties

Result - 25 Properties Remain



Williamson Creek Buyout Status



Existing WPD Buyout Program

- Projects prioritized based on problem severity
- Only used in priority project areas where buyouts have been determined to be the most cost-effective solution to mitigate flood risks
- Funding sources include:
 - DUF
 - RSMP
 - Bonds, Certificates of Obligation
 - Grants & Partnerships
- Since 2007, all buyouts have followed federal guidelines for acquisition & relocation

**Past & Current
Flood Mitigation Buyouts
(>730 homes acquired)**

**Charing Cross
(Voluntary Buyout,
URA Benefits)**

**Shoal Creek Blvd
(1980s, Voluntary Buyouts)**

**Austin Hills Mobile Home Park
(Voluntary Buyout,
URA Benefits)**

**Woodview Mobile Home Park
(Voluntary Buyout,
URA Benefits)**

**Middle Williamson Creek
(Voluntary Buyouts,
URA Benefits)**

**Richland Estates
(Voluntary Buyouts,
URA Benefits)**

**Bayton Loop
(Voluntary Buyouts,
URA Benefits)**

**Hoeks/Posten
(Voluntary Buyouts,
URA Benefits)**

**Creek Bend (Buyouts
done in conjunction
with floodwall)**

**Lower Onion Creek
(Voluntary & Involuntary Buyouts,
URA Benefits)**

This product is for informational purposes only and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent on-the-ground survey and represents only the approximate relative location of property boundaries. This map has been produced by the Watershed Protection Department for the sole purpose of geographic reference. No warranty is made by the City of Austin regarding specific accuracy or completeness. 8/20/2015

Prioritization and Buyout Policy

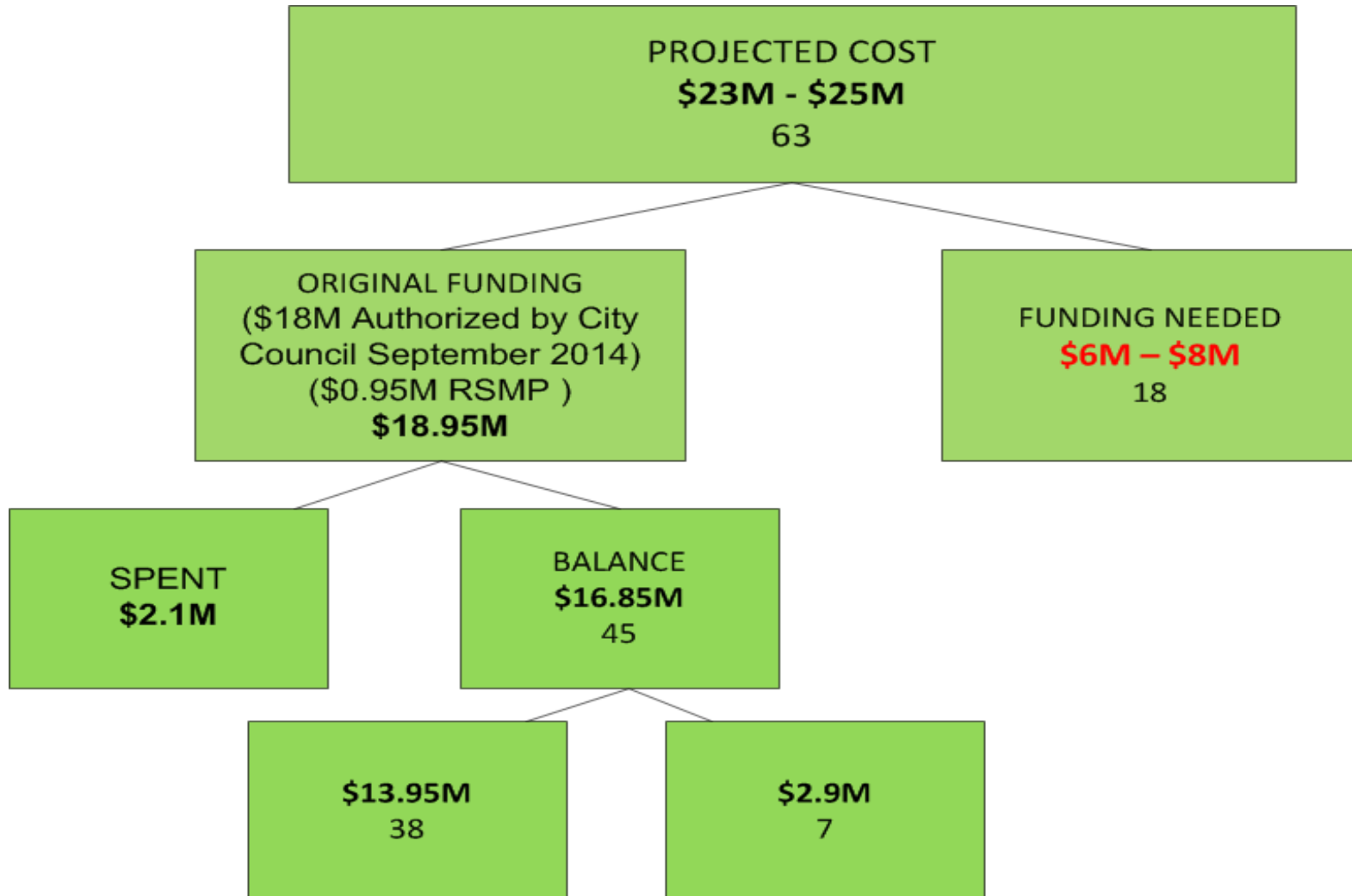
Watershed Protection

- Approach
- Problem Identification
- Solution Evaluation
- Implementation Sequence

Office of Real Estate

- Acquisition Policy
- Relocation Policy
- Process/Milestones

Williamson Creek Buyout Funding Status



Next Steps

- Open Space, Environment, & Sustainability Committee briefing
- Request Council authorization to acquire 25 remaining properties in this project area
- Continue with discussion of buyout policy with Flood Mitigation Task Force