

**Flood Mitigation Task Force (FMTF):
Summary of Land Development Code (LDC)
Related Recommendations
for the CodeNEXT Advisory Group (CAG)**

November 7, 2016

FMTF Council Resolution & Objective

NOW, THEREFORE,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF AUSTIN:

A. The Flood Mitigation Task Force (FMTF) is created to gather information and develop recommendations related to citywide and area flooding and its impacts to property, public safety, and City finances, with an emphasis on flood mitigation solutions and funding options.

FMTF Final Report

- FMTF Final Report (92 pages) issued May 16, 2016 and posted to City of Austin FMTF website
- Executive Summary presents 19 recommendations
- Full Report presents 213 recommendations
- Three Working Group appendices present additional detail and information

Executive Summary Recommendations

1. Prioritize life, safety & property protection
2. Bonds for large projects, DUF funding for smaller projects
3. Issue bonds in 2016 (last in 2006)
4. Ensure adequate funding for Operations & Maintenance
5. Expedite Lower Onion & Williamson buyouts; consider targeted Upper Onion buyouts
6. Create regional partnerships
7. Flood mitigation for redevelopment
8. Audit WPD for effectiveness
9. Public education & outreach
10. Continue to restrain development in 100-year floodplains
11. No variances for development leading to flooding; don't annex land with flood problems
12. Buyouts only as a last resort
13. Review the RSMP
14. Integrate green stormwater infrastructure
15. Do not wait for CodeNEXT to implement regulatory recommendations
16. Study all potential detention options for Upper Onion Creek
17. Act quickly and decisively
18. Expand FEWS
19. Make FMTF role permanent

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Key: Green border = Land Dev't Code related

Planning & Regulatory Recommendations

- **Strengthen the Land Development Code (LDC) flood mitigation requirements for new and re-development**
 - No permits for new/re-/infill/ADU development until flood problems mitigated or specified conditions met
 - Mitigate redevelopment assuming undeveloped conditions (consistent w/ Natural & Built Environment Code prescription)
 - Enforce existing code (no adverse impact, impervious cover, etc.)
 - Evaluate RSMP (Regional Stormwater Management Program)
 - Consider >100-year flood or adding freeboard
- **Don't wait for CodeNEXT to implement regulatory recommendations**

Watershed Protection

Master Plan "Problem Score" Viewer - DRAFT

The City of Austin's Watershed Protection Department (WPD) protects the lives, property, and environment of our community by reducing the impacts of flooding, erosion, and water pollution. WPD performs technical studies to **identify problem areas** where watershed protection goals are not being achieved. This approach enables direct comparisons between watersheds and **promotes consistency** among all missions.

Worst Problems First: The "Problem Score Approach"

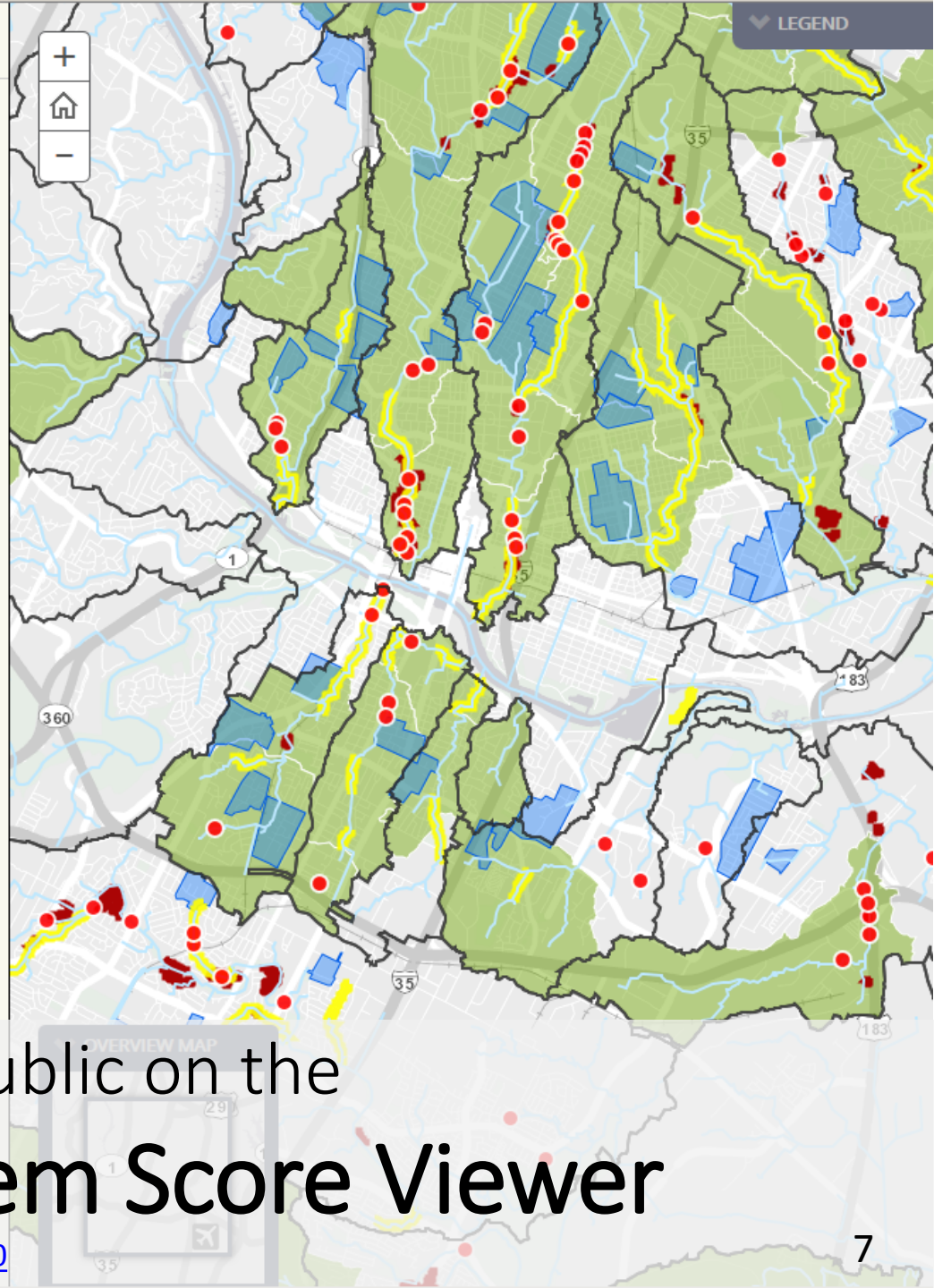
Problem Score systems quantify and prioritize problem areas for each of the department missions: **Creek Flood, Local Flood, Erosion Control, & Water Quality**. Each mission develops problem scores to assign a numeric value and severity description to watershed problems, such as individual erosion sites or structures in floodplains. The areas with the highest problem scores are designated **"Very High" or "High" severity problem areas**, and are considered to be at the highest risk of flood, erosion, or water quality degradation.

High & Very High Severity Problem Areas

-  Creek Flood Road Crossings
-  Creek Flood Structures (buildings)
-  Localized Flood Problem Areas
-  Erosion Creek Segments
-  Water Quality Drainage Areas

Reference

-  Creeks
-  Watersheds
-  Building Footprints



Scores available to the public on the Master Plan Problem Score Viewer

<http://www.austintexas.gov/departments/master-plan-0>

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Flood Mitigation Task Force:

<https://www.austintexas.gov/fmtf> Main Webpage

<https://floodmitigationtaskforce.bloomfire.com/> Additional Resources Webpage

<http://www.austintexas.gov/edims/document.cfm?id=254319> FMTF Final Report