



City of Lawrence
Douglas County

PLANNING & DEVELOPMENT SERVICES

Floodplain 101

PCMM

November 2, 2016



FEMA & NFIP

- **FEMA**: Federal Emergency Management Agency
 - **NFIP**: National Flood Insurance Program
- **Regulations**:
 - Federal: Base (Least Restrictive)
 - State: Middle
 - Local: Higher Regulatory Standards
- **CRS**: Community Rating System
 - Class Level 7: 15% discount on Flood Insurance

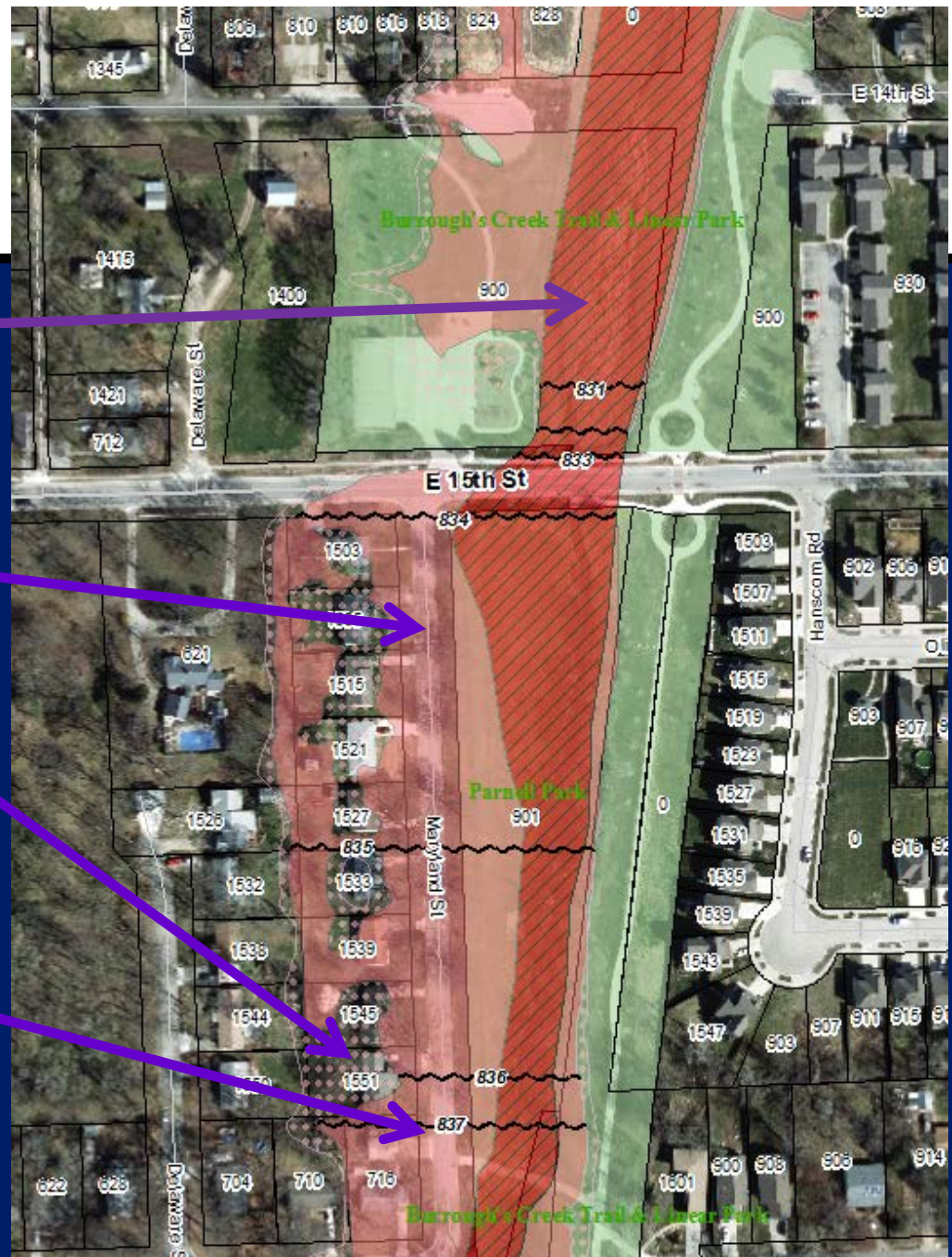


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FEMA FIRMs

- **Floodway:** watercourse and area immediately adjacent
- **1% Annual Chance** or 100-year floodplain
- **.2% Annual chance** or 500-year floodplain (unregulated)
- **BFE:** Base Flood Elevation





Local Regulations

- **Residential:**
 - Elevated 2' above BFE
 - No more than 30% Impervious Coverage
- **Non-Residential:**
 - Elevated 1' above BFE
 - No more than 60% Impervious Coverage
- **Other Development Restrictions**
 - No Development in Floodway
 - Restrictions on Fill amount and location
 - Grading Plans



Local Regulations

- **Annexation**
 - 2' above BFE zoned to Floodplain Overlay
- **Subdivision**
 - H&H Study showing “no rise”
- **Long Range Planning**
 - Designated as Open Space in Long Range Plans
 - May be developed in accordance with floodplain regulations



Process

- Floodplain Permit is required for any development in the floodplain
- Administrative process
- Early input and review is provided in combination with other applications.