

# Floodplain Study: Rattan Creek

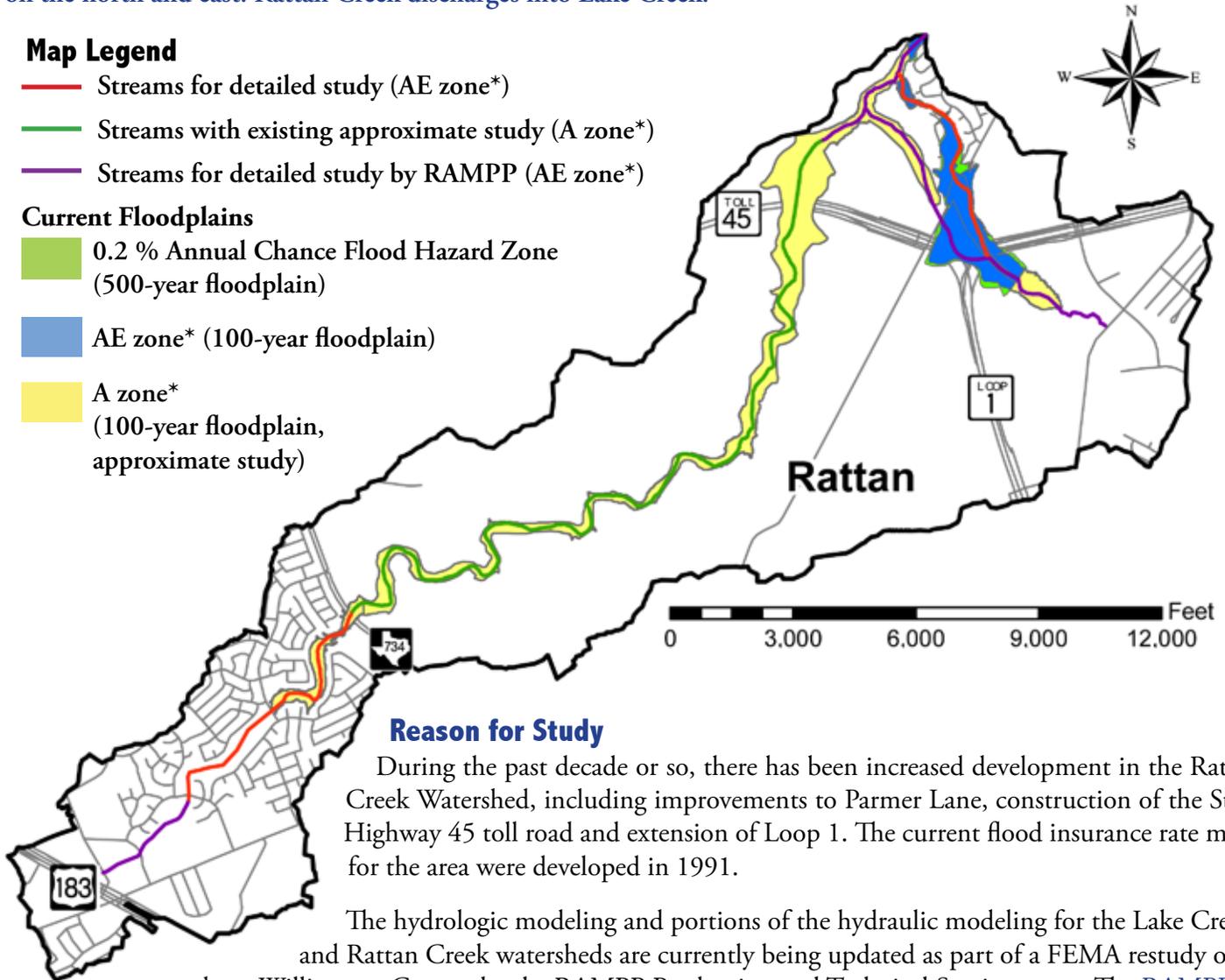
Rattan Creek is a suburban watershed with a drainage area of approximately 7.4 square miles and about 9.9 miles of streams that have been the subject of floodplain studies in the past. Of these streams, the City of Austin will re-study 1.38 miles. The rest will be updated by an ongoing FEMA-sponsored study of southern Williamson County. The watershed is bordered roughly by the Williamson/Travis County line on the south and west and Lake Creek on the north and east. Rattan Creek discharges into Lake Creek.

## Map Legend

- Streams for detailed study (AE zone\*)
- Streams with existing approximate study (A zone\*)
- Streams for detailed study by RAMPP (AE zone\*)

## Current Floodplains

- 0.2 % Annual Chance Flood Hazard Zone (500-year floodplain)
- AE zone\* (100-year floodplain)
- A zone\* (100-year floodplain, approximate study)



## Reason for Study

During the past decade or so, there has been increased development in the Rattan Creek Watershed, including improvements to Parmer Lane, construction of the State Highway 45 toll road and extension of Loop 1. The current flood insurance rate maps for the area were developed in 1991.

The hydrologic modeling and portions of the hydraulic modeling for the Lake Creek and Rattan Creek watersheds are currently being updated as part of a FEMA restudy of southern Williamson County by the RAMPP Production and Technical Services team. The [RAMPP study](#) includes approximately 2.94 miles of detailed hydraulic modeling within the Rattan Creek watershed, including Rattan Creek upstream of Los Indios, Rattan Creek from NRCS Dam #9 to Lake Creek and the unnamed tributary to Rattan Creek that flows through the Highway 45/Loop 1 interchange. The City of Austin's study will extend this detailed modeling from Los Indios downstream to Parmer Lane.

## Contact

City of Austin Floodplain Information Hotline • 512-974-2843 • [floodinfo@ci.austin.tx.us](mailto:floodinfo@ci.austin.tx.us)