

USERS

National Flood Insurance Program. It does to flooding, particularly from local drainage map repository should be consulted for information.

Computed at cross sections and interpolated were based on hydraulic considerations with Flood Insurance Program. Floodway widths provided in the Flood Insurance Study Report

etermined by approximate study methods.

of this map was Texas State Plane the horizontal datum was NAD 83. GRS 1990 id, projection or UTM zones used in the ictions may result in slight positional ction boundaries. These differences do not

ed to the North American Vertical Datum of compared to structure and ground elevations m. For information regarding conversion Datum of 1929 and the North American National Geodetic Survey website at National Geodetic Survey at the following

on lie outside of the corporate limits. See the FIS Report for a listing of bench marks. To or location information for qualifying bench isdiction, please contact the Information etic Survey at (301) 713-3242, or visit its

M was derived from information provided and the North Central Texas Council of

ap represent the hydraulic modeling baselines ort. As a result of improved topographic data, may deviate significantly from the channel

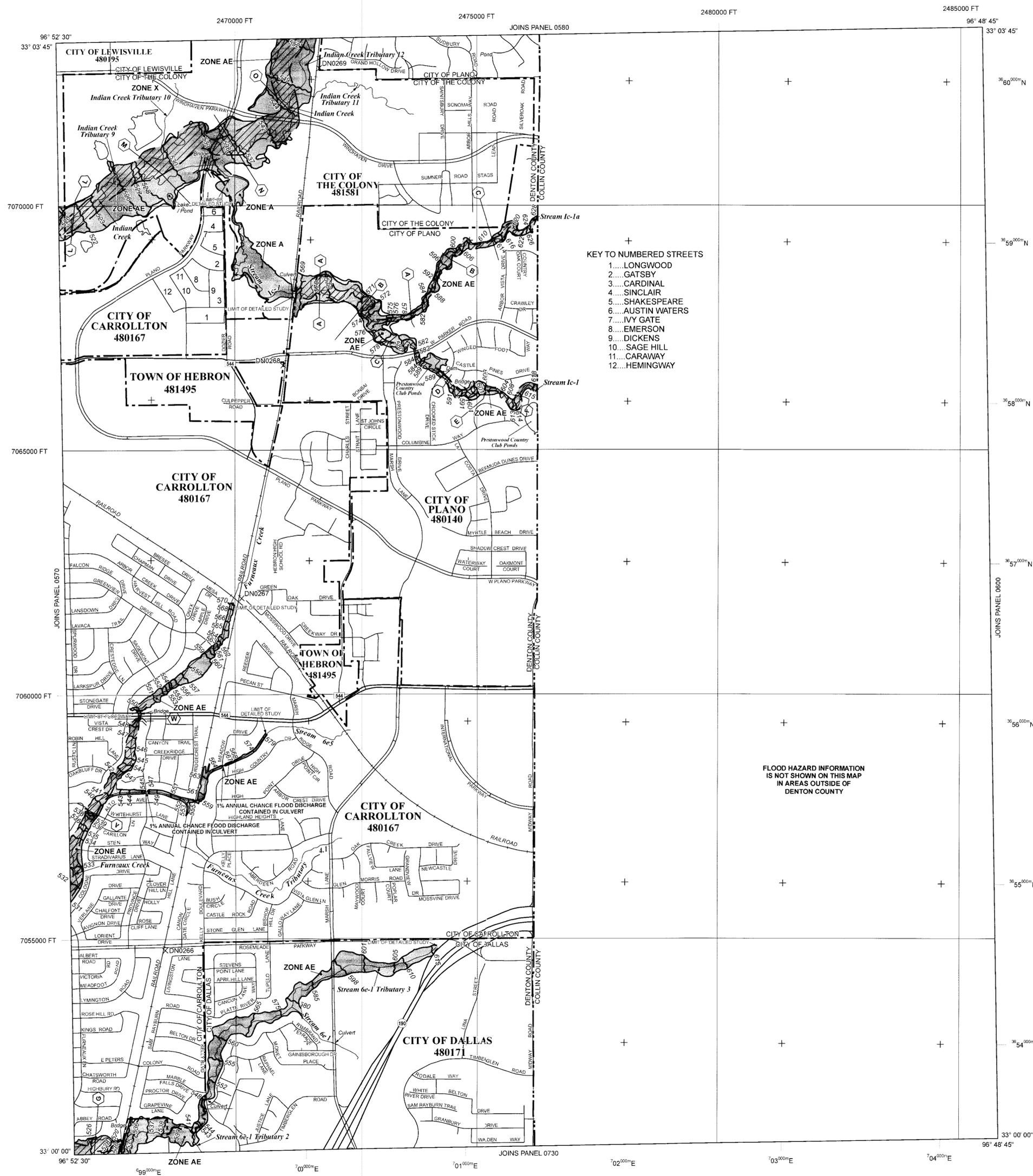
ation, this map reflects more detailed and onations and floodplain delineations than or this jurisdiction. As a result, the Flood for multiple streams in the Flood ns authoritative hydraulic data) may reflect m what is shown on the map. Also, the revised streams may differ from what is

based on the best data available at the time o annexations or de-annexations may have d, map users should contact appropriate rate limit locations.

Map Index for an overview map of the els; community map repository addresses; ntaining National Flood Insurance Program sting of the panels on which each community

associated with this FIRM visit the Map p://msc.fema.gov. Available products may Change, a Flood Insurance Study Report, any of these products can be ordered or

p, how to order products, or the National please call the FEMA Map Information AP (1-877-336-2627) or visit the FEMA /nfp.



- KEY TO NUMBERED STREETS**
- 1.....LONGWOOD
  - 2.....GATSBY
  - 3.....CARDINAL
  - 4.....SINCLAIR
  - 5.....SHAKESPEARE
  - 6.....AUSTIN WATERS
  - 7.....IVY GATE
  - 8.....EMERSON
  - 9.....DICKENS
  - 10.....SAGE HILL
  - 11.....CARAWAY
  - 12.....HEMINGWAY

FLOOD HAZARD INFORMATION IS NOT SHOWN ON THIS MAP IN AREAS OUTSIDE OF DENTON COUNTY

LEGEND

- SPECIAL FLOOD HAZARD AREAS (INUNDATION BY THE 1% ANNUAL CHANCE FLOOD)**
- The 1% annual chance flood (100-year flood), also known as a 1% chance of being equaled or exceeded in any given year, is the area subject to flooding by the 1% annual chance flood. include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Elevation of the 1% annual chance flood.
- ZONE A** No Base Flood Elevations determined.
  - ZONE AE** Base Flood Elevations determined.
  - ZONE AH** Flood depths of 1 to 3 feet (usually areas of low relief).
  - ZONE AO** Flood depths of 1 to 3 feet (usually areas of high relief).
  - ZONE AR** Special Flood Hazard Areas formerly protected by a flood control system that was removed. AR indicates that the former flood control system is no longer in place.
  - ZONE A99** Area to be protected from 1% annual chance flood by a flood control system under construction.
  - ZONE V** Coastal flood zone with velocity hazard determined.
  - ZONE VE** Coastal flood zone with velocity hazard determined.
- FLOODWAY AREAS IN ZONE AE**
- The floodway is the channel of a stream plus any adjacent floodplain that encloses the channel so that the 1% annual chance flood can be contained at the design flood heights.
- OTHER FLOOD AREAS**
  - ZONE X** Areas of 0.2% annual chance flood; areas of average depths of less than 1 foot or with dike protection; and areas protected by levees from 1% annual chance flood.
  - OTHER AREAS**
  - ZONE X** Areas determined to be outside the 0.2% annual chance flood.
  - ZONE I** Areas in which flood hazards are undetermined.
  - COASTAL BARRIER RESOURCES SYSTEMS**
  - OTHERWISE PROTECTED AREAS (OPAs)**
- CBRS areas and OPAs are normally located within or adjacent to the 1% Annual Chance Floodplain.
- 1% Annual Chance Floodplain
  - 0.2% Annual Chance Floodplain
  - Floodway boundary
  - Zone D boundary
  - CBRS and OPA boundary
  - Boundary dividing Special Flood Hazard Areas
  - Base Flood Elevation line and value (EL 987)
- \*Referenced to the North American Vertical Datum of 1988
- A** Cross section line
  - 23** Transect line
  - Culvert
  - Bridge
  - Geographic coordinates reference 1983 (NAD 83) Western Hemisphere
  - 5000-foot ticks: Texas State Plane (FIPS Zone 4202), Lambert Zone 1000-meter Universal Transverse Mercator
  - Bench mark (see explanation panel)
  - \*M15 River Mile
- MAP REPOSITORY**  
Refer to Map Repositories list on the back cover of this map.
- EFFECTIVE DATE OF COMMUNITY FLOOD INSURANCE RATE MAP**  
April 2, 1997
- EFFECTIVE DATE(S) OF REVISION(S)**  
March 30, 1998, August 23, 2001, December 6, 2002, April 2, 2003, August 1, 2003, December 1, 2003, April 1, 2004, August 1, 2004, December 1, 2004, April 1, 2005, August 1, 2005, December 1, 2005, April 1, 2006, August 1, 2006, December 1, 2006, April 1, 2007, August 1, 2007, December 1, 2007, April 1, 2008, August 1, 2008, December 1, 2008, April 1, 2009, August 1, 2009, December 1, 2009, April 1, 2010, August 1, 2010, December 1, 2010, April 1, 2011, August 1, 2011, December 1, 2011, April 1, 2012, August 1, 2012, December 1, 2012, April 1, 2013, August 1, 2013, December 1, 2013, April 1, 2014, August 1, 2014, December 1, 2014, April 1, 2015, August 1, 2015, December 1, 2015, April 1, 2016, August 1, 2016, December 1, 2016, April 1, 2017, August 1, 2017, December 1, 2017, April 1, 2018, August 1, 2018, December 1, 2018, April 1, 2019, August 1, 2019, December 1, 2019, April 1, 2020, August 1, 2020, December 1, 2020, April 1, 2021, August 1, 2021, December 1, 2021, April 1, 2022, 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