## NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in mean where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Bota and/or Summay of Billwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies the FIFM. Described be aware that BFEs allows not her FIFM represent counted whole-floor deviations. These BFEs are intended for flood insurance information. Accordingly, flood elevation data presented in the FIS spects should be utilized in conjunction with the FIFM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0 Costal Base Flood Elevations shown on this map apply only landward of 10°. North American Ventical Datum of 1968 (NAVD 88). Uses or this FIRM should be with the property of the Property of

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydrautic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures in this jurisdiction.

The projection used in the preparation of this map was Texas State Plane Central zone (FPSZONE 4200). The horizontal datum was MADS, GPSS0 spenod, production of FIRMS for adjacent justications may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1989, with the National Geodetic Survey website at http://www.nps.nosa.gov or contact the National Geodetic Survey website at http://www.nps.nosa.gov or contact the National Geodetic Survey at the following address:

NGS Information Services NOAA, N/NGS12 NOAA, NWN0512 National Geodetic Survey SSMC-3, #9202 1315 East-West Highway Silver Spring, Maryland 20910-3282 (301) 713-3242

To obtain current elevation, description, and/or location information for bench marks shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit their website at http://www.ngs.nosa.gov/.

Base map information shown on this FIRM was provided in digital format by the City of Bryan, City of College Station and Brazos County, produced at a scale of at least 1:12,000, from aerial photography dated 2005 or later.

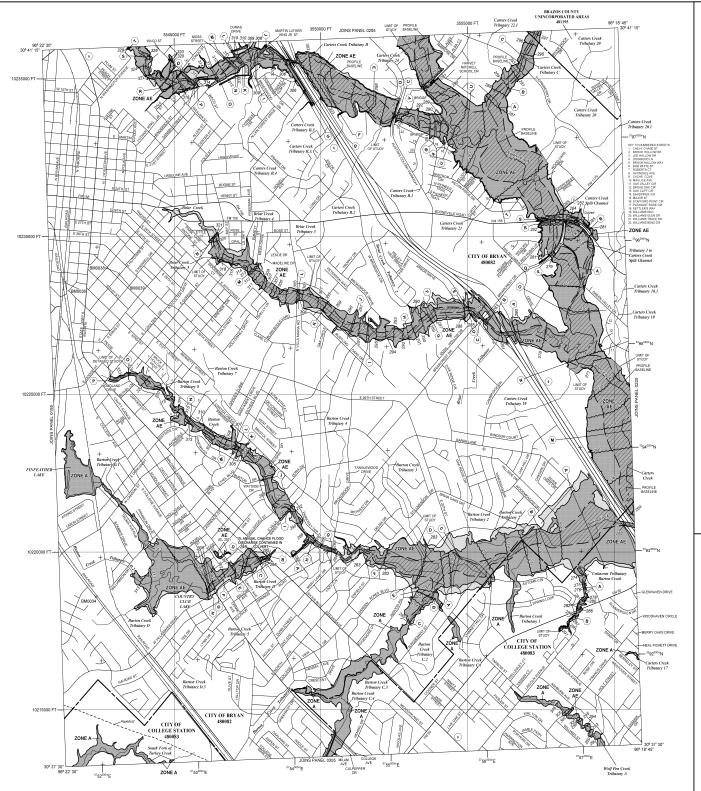
This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FRIM for this jurisdiction. The floodplains and floodways that west trensferred from the previous FRIM may have been adjusted to confrom to these new stream channel configurations. As a result, the Flood Profiles and Floodway bota tables in the Flood Insularnes Dubly report (which contains subhorbitishe hydraudic data) may reflect stream channel distances that differ from what a few on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community difficials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

For information on available products associated with this FIRM visit the FEMA Map Service Center (MSC) website at http://msc.fema.gov. Available products may include prevously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the MSC website.

If you have **questions about this map**, how to order products or the National Flood Insurance Program in general, please call the FEMA Map Information exchange (FMIX) at **1-877-FEMA-MAP** (1-877-336-2627) or visit the FEMA website at http://www.fema.gov/business/fifip.



LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAS) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

No Base Flood Elevations determined.
Base Flood Elevations determined.
Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood

Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.

Special Flood Hazard Area formerly protected from the 1% arrusi-chance flood by a flood control system that was subsequently descrifted. Zoor AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.

Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations

Coastal flood zone with velocity hazard (wave action); Base Flood Blevations

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encreachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

Areas determined to be outside the 0.2% annual chance floodplain. Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas Floodplain boundary

----

Roodwey boundary
Zone D Boundary
CBRS and OPA Boundary
Boundary dividing Special Flood Hazard Areas of different
Base Flood Elevations, flood depths or flood velocities.

Base Flood Elevation line and value; elevation in feet\* Base Flood Elevation value where uniform within zone; elevation in feet\* American Vertical Datum of 1988 (EL 987)

23)-----(23)

€76<sup>000n</sup>E

Culvert, Flume, Penstock or Aqueduct

Road or Railroad Bridge Footbridge

Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere 97° 07' 30", 32° 22' 30" 1000-meter Universal Transverse Mercator grid values, zone 14 5000-foot grid ticks: Texas State Plane coordinate system, Central zone (FIPSZONE 4203), Lambert Conformal Conic Projection

600000 FT Bench mark (see explanation in Notes to Users section of this FIRM panel) DX5510 × • M1.5

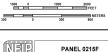
River Mile MAP REPOSITORIES Refer to Map Repositories list on Map Index.

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL February 9, 2000 and May 16, 2012 - To change Base Flood Elevations, add Base Flood Elevations, to incorporate previously issued Letter of Map Revis to reflect updated topographic information, to add Special Flood Hazard Areas, and to change zone designations.

community map revision history prior to countywide mapping, refer to the Communi History table located in the Flood Insurance Study report for this jurisdictio

mine if flood insurance is available in this community, contact your insurance or call the National Flood Insurance Program at 1-800-638-6620.





**FIRM** 



48041C0215F MAP REVISED

**APRIL 2, 2014** 

Federal Emergency Management Agency