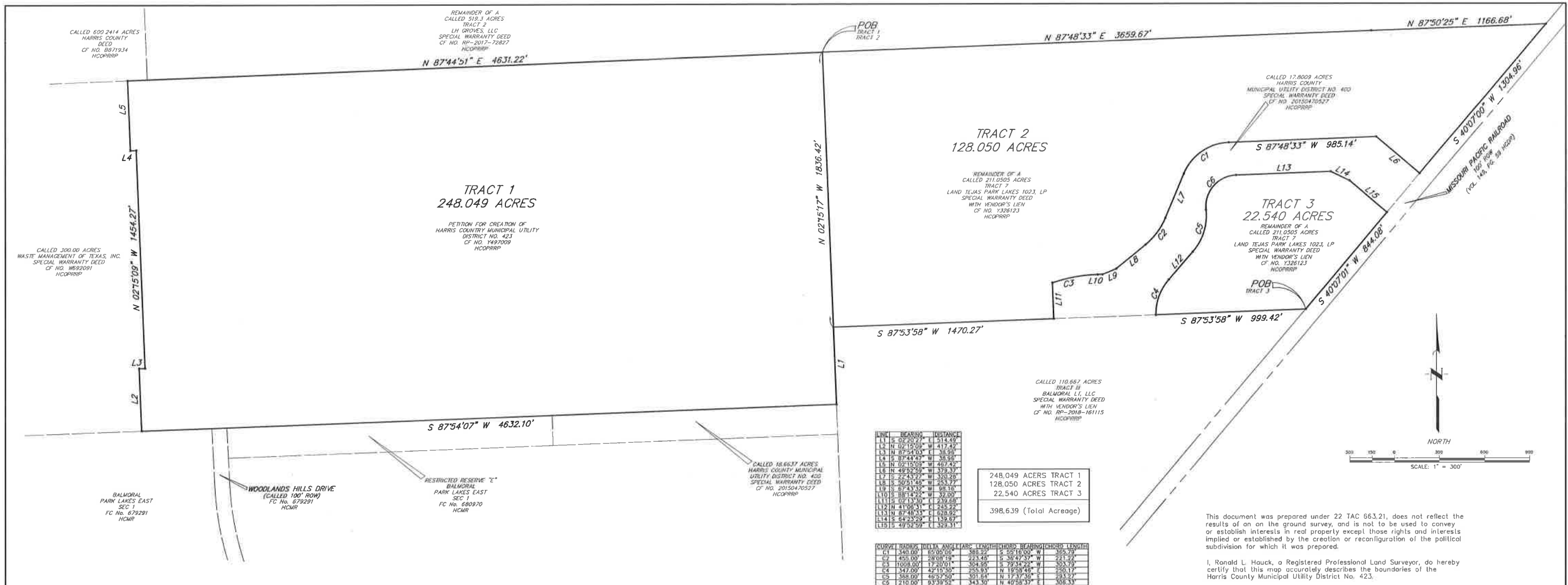


VICINITY MAP
OF
HARRIS COUNTY MUNICIPAL
UTILITY DISTRICT No. 423
AND
ANNEXATION TRACTS
HARRIS COUNTY, TEXAS
NOVEMBER 2018



LINE	BEARING	DISTANCE
L1	S 02°20'27" E	514.49'
L2	N 07°15'09" W	417.43'
L3	N 87°54'03" E	18.59'
L4	S 87°44'47" W	38.86'
L5	N 02°15'09" W	467.43'
L6	N 49°22'59" W	379.37'
L7	S 87°53'58" W	1470.27'
L8	S 87°48'33" E	3659.67'
L9	S 87°48'33" W	985.14'
L10	S 87°44'47" W	38.86'
L11	N 02°15'09" W	467.43'
L12	N 49°22'59" W	379.37'
L13	S 87°48'33" E	985.14'
L14	S 87°53'58" W	999.42'
L15	S 87°54'07" W	4632.10'

248.049 ACERS TRACT 1
 128.050 ACRES TRACT 2
 22.540 ACRES TRACT 3
 398,639 (Total Acreage)

CURVE	BEARING	DELTA	ANGLE	CHORD	LENGTH	CHORD BEARING	CHORD LENGTH
C1	S 87°48'33" E	388.77'	S 87°48'33" E	388.77'	388.77'	S 87°48'33" E	388.77'
C2	S 87°48'33" W	223.45'	S 87°48'33" W	223.45'	223.45'	S 87°48'33" W	223.45'
C3	S 87°48'33" E	3659.67'	S 87°48'33" E	3659.67'	3659.67'	S 87°48'33" E	3659.67'
C4	S 87°48'33" W	255.93'	S 87°48'33" W	255.93'	255.93'	S 87°48'33" W	255.93'
C5	S 87°48'33" E	3659.67'	S 87°48'33" E	3659.67'	3659.67'	S 87°48'33" E	3659.67'
C6	S 87°48'33" W	255.93'	S 87°48'33" W	255.93'	255.93'	S 87°48'33" W	255.93'

HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 423
 BOARD MEMBERS

We the undersigned members of the board of directors of Harris County Municipal Utility District No. 423 do hereby acknowledge that this map is a complete and accurate map showing the boundaries of said district.

Patricia Scholes
 President

Connie Crowe
 Vice President

Susan Hughes
 Assistant Vice President

Heather La Fleur
 Secretary

Louise Blair
 Assistant Secretary

STATE OF TEXAS §
 COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared Patricia Scholes, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that they executed the same for the purposes and considerations therein expressed

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this _____ day of _____, 2018

Notary Public in and for the State of Texas

My Commission expires: _____

STATE OF TEXAS §
 COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared Connie Crowe, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that they executed the same for the purposes and considerations therein expressed

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this _____ day of _____, 2018

Notary Public in and for the State of Texas

My Commission expires: _____

STATE OF TEXAS §
 COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared Susan Hughes, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that they executed the same for the purposes and considerations therein expressed

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this _____ day of _____, 2018

Notary Public in and for the State of Texas

My Commission expires: _____

STATE OF TEXAS §
 COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared Heather LaFleur, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that they executed the same for the purposes and considerations therein expressed

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this _____ day of _____, 2018

Notary Public in and for the State of Texas

My Commission expires: _____

STATE OF TEXAS §
 COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared Louise Blair, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that they executed the same for the purposes and considerations therein expressed

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this _____ day of _____, 2018

Notary Public in and for the State of Texas

My Commission expires: _____

This document was prepared under 22 TAC 663.21, does not reflect the results of an on the ground survey, and is not to be used to convey or establish interests in real property except those rights and interests implied or established by the creation or reconfiguration of the political subdivision for which it was prepared.

I, Ronald L. Hauck, a Registered Professional Land Surveyor, do hereby certify that this map accurately describes the boundaries of the Harris County Municipal Utility District No. 423.

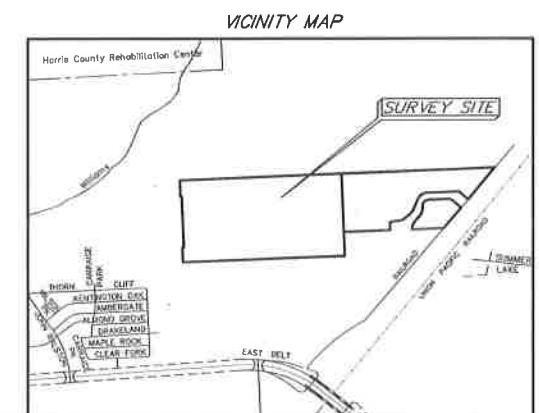
WITNESS MY HAND AND SEAL THIS 15th DAY OF June, 2018

Ronald L. Hauck
 Registered Professional Land Surveyor
 No. 5343



- General Notes:
- Bearings being based on the Texas Coordinate System of 1983, South Central Zone;
 - Purposed of map is to annex Tracts 2 and 3 into HCMUD 423.

LEGEND
 CF No. HCOPRRP HARRIS COUNTY OFFICIAL PUBLIC RECORDS OF REAL PROPERTY
 HCDR HARRIS COUNTY DEED RECORDS
 POB POINT OF BEGINNING
 PAGE PAGE
 VOL. VOLUME



A POLITICAL BOUNDARY MAP
 OF
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT No. 423
 BEING
398,639 ACRES
 OUT OF THE
VICTOR BLANCO SURVEY, A-2
 HARRIS COUNTY, TEXAS
 JUNE 2018



NOTES TO USERS

This map is for use in 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 updates or additional flood hazard information.

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only to landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study Report for the jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic 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 the 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 the jurisdiction.

The projection used in the preparation of this map was Universal Transverse Mercator, Zone 15. The horizontal datum was NAD83, GRS80 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions 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 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov> or contact the National Geodetic Survey at the following address:

NCS Information Services
NOAA, NIMS12
National Geodetic Survey
SSM-C, 9002
1316 East-West Highway
Silver Spring, Maryland 20910-2822
(301) 713-3242

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

Base map information shown on this FIRM was provided in digital format by the Harris Galveston Area Council and was revised and enhanced by Harris County.

This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodway and floodway boundaries that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study report which contain authoritative hydrologic data may reflect stream channel distances that differ from what is shown 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 officials 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 with National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

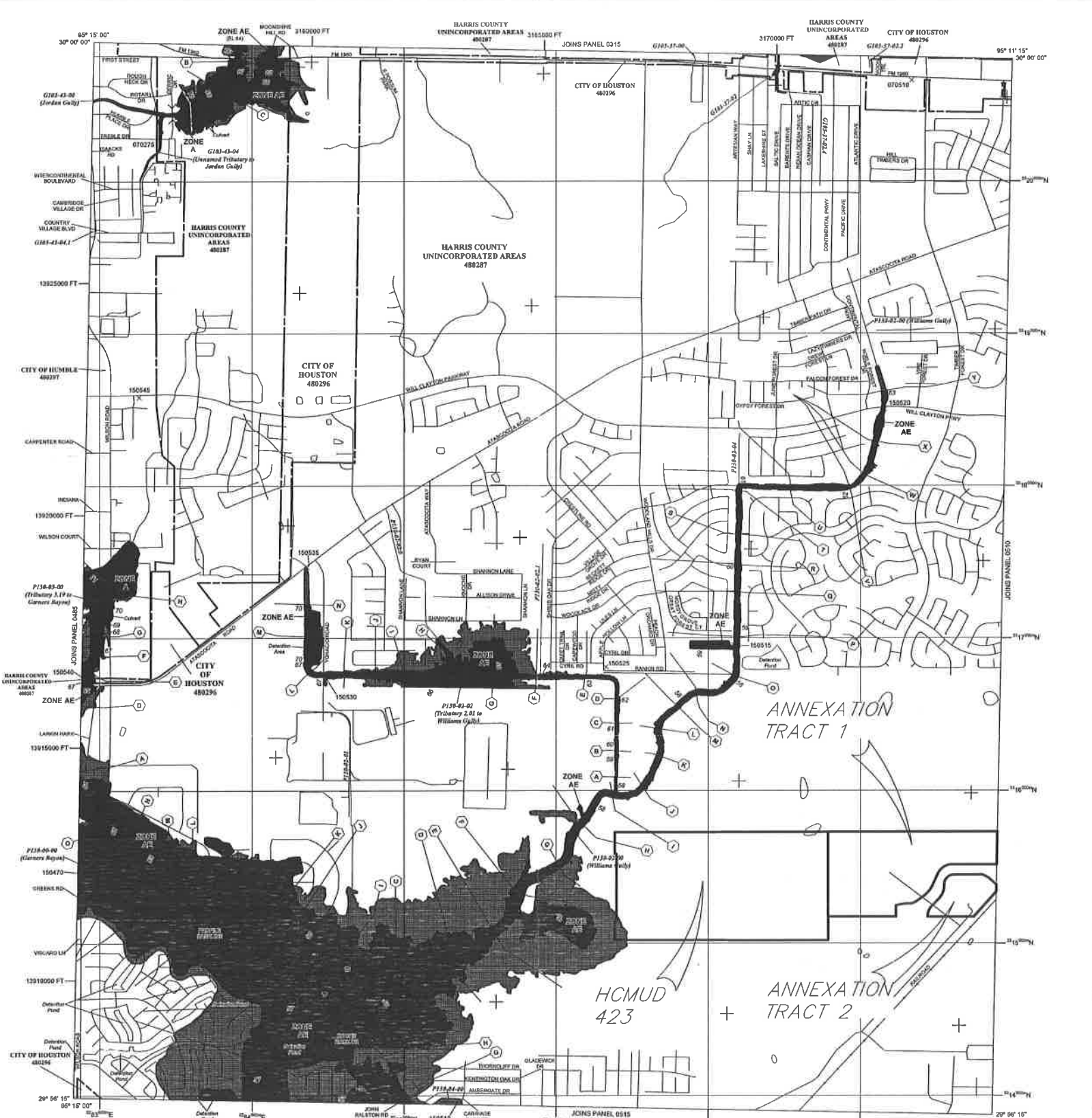
For information on available products associated with this FIRM visit the FEMA Map Service Center (MSC) website at <http://mfc.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products 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>.

Vertical Datum Adjustment due to subsidence is the 2001 adjustment.

Benchmarks shown on this map were provided by either Harris County or the National Geodetic Survey. To obtain elevation, description, and location information for benchmarks provided by Harris County, please contact the Permit Office of the Public Infrastructure Department at (713) 956-3000 or visit their website at <http://www.harriscountytexas.gov/permits>. For information regarding the benchmarks provided by the National Geodetic Survey, please see note above.

Some bridges and other structures shown on the detailed studied streams are not labeled. See corresponding flood profiles for appropriate name.



LEGEND

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

The 1% annual chance flood (100-year flood) is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, AV, and VE. The Base Flood Elevation is the water surface elevation of the 1% annual chance flood.

ZONE A No Base Flood Elevation determined.

ZONE AE Base Flood Elevation determined.

ZONE AH Flood depths of 1 to 3 feet (usually areas of parking); Base Flood Elevation determined.

ZONE AO Flood depths of 1 to 3 feet (usually areas of parking); average depth determined. For areas of shallow run flooding, velocities also determined.

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

ZONE AV Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevation determined.

ZONE VE Coastal flood zone with velocity hazard (wave action); no Base Flood Elevation determined.

FLOODWAY AREAS IN ZONE AE

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

OTHER FLOOD AREAS

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

OTHER AREAS

ZONE D 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.

BOUNDARIES

— Floodplain boundary
- - - Floodway boundary
- - - Zone D boundary
- - - CBRS and OPA boundary
- - - Boundary dividing Special Flood Hazard Areas and boundary dividing Special Flood Hazard Areas of different Base Flood Elevation, flood depths or flood velocities.
- - - Base Flood Elevation line and water elevation in feet.
- - - Base Flood Elevation water surface elevation within area; elevation in feet.

TRANSVERSE SECTION

— Cross section line
— Transverse line
— Culvert, Trench, Weir or Aqueduct
— Road or Railroad Bridge
— Overpass

COORDINATE INFORMATION

Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere.

— 6000-foot grid lines. These lines show coordinate system, zone South Carolina (SPSCONE 42N), Lambert.
— Conformal Conic Projection
— Bench mark (see explanation in Notes to Users section of this FIRM report).

MAP ABBREVIATIONS

Refer to Map Repository for Map Index.

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP PANEL

SEPTEMBER 24, 1990

EFFECTIVE DATES OF ANNUALS TO THIS PANEL

SEPTEMBER 30, 1992
NOVEMBER 6, 1996
APRIL 20, 2000
JUNE 18, 2007
OCTOBER 10, 2013
JUNE 9, 2014

For accompanying letters for Revision, refer to the Index to Flood Insurance Study Users page in the Flood Insurance Study report.

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for the jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6626.

MAP SCALE 1" = 1000'

0 100 200 300 400 500 FEET
0 100 200 300 400 METERS

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0505M

FIRM

FLOOD INSURANCE RATE MAP

HARRIS COUNTY, TEXAS AND INCORPORATED AREAS

PANEL 605 OF 1150

USE MAP INDEX FOR FIRM PANEL LAYOUT

COMMUNITY	NUMBER	PANEL	DATE
HARRIS COUNTY, UNINCORPORATED AREAS	48287	0505	11
HOUSTON, CITY OF	48296	0505	11
HUMBLE, CITY OF	48297	0505	11

Refer to User's Manual. This map should be used only in conjunction with the Flood Insurance Study report for the jurisdiction.

MAP NUMBER
48201C0505M

MAP REVISED
JUNE 9, 2014

Federal Emergency Management Agency

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 areas where Base Flood Elevation (BFE) and/or Floodway Data have been determined, users are encouraged to consult the Flood Profiles and Floodway Data tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevation (CBFE) shown on this map apply only to landward of 0' North American Vertical Datum (NAVD). Users of the FIRM should be aware that coastal flood elevations may also be provided in the Summary of Elevation Tables in the Flood Insurance Study report for this community. Elevations shown in the Summary of Elevation Tables should be used for construction, and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic 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 the jurisdiction.

The projection used in the preparation of this map is Universal Transverse Mercator (UTM) zone 16. The horizontal datum is NAD83. DMS1980 spheroid. Differences in datum, spheroid, projection or UTM zone used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of the 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 1988, visit the National Geodetic Survey website at www.ngs.noaa.gov or contact the National Geodetic Survey at the following address:

National Geodetic Survey
Silver Spring, Maryland 20910
1315 East-West Highway
Silver Spring, Maryland 20910
(301) 713-3242

To obtain current elevation, description, and/or location information for benchmarks shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (901) 713-3242, or visit their website at www.ngs.noaa.gov.

Some map information shown on this FIRM was provided in digital format by the Harris County Area Council and was revised and enhanced by Harris County.

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 officials to verify current corporate limits locations.

Please refer to the separately printed Map Index for an overview map of the county showing the extent of map panels, community map repository addresses, and a listing of Communities with National Flood Insurance Program data for each community as well as a listing of the panels on which each community is located.

An accompanying Flood Insurance Study report, Letters of Map Revision or Letters of Map Amendment relating portions of this panel, and digital versions of the PANEL, may be available. Contact the FEMA Map Service Center at the following phone numbers and internet address for information on all related products available from FEMA:

Phone: 800-368-8810
FAX: 800-368-9820
www.fema.gov

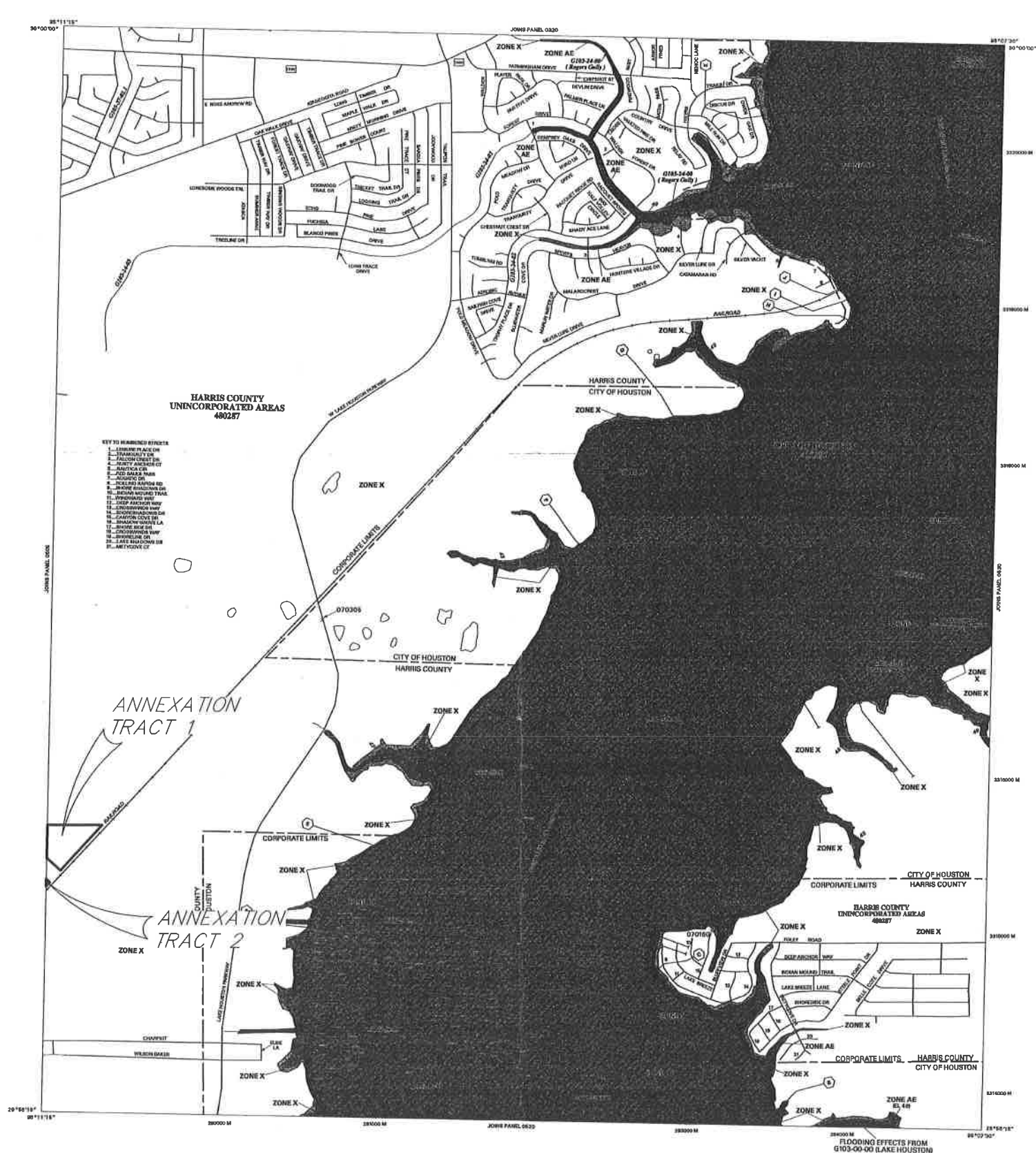
If you have questions about this map or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA-5848 (1-877-365-2627) or visit the FEMA website at www.fema.gov.

This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study report may reflect stream channel distances that differ from what is shown on this map.

Vertical Datum Adjustment due to subsidence to the 2001 adjustment.

Benchmarks shown on this map were provided by either Harris County or the National Geodetic Survey. To obtain elevation, description, and location information for benchmarks provided by Harris County, please contact the Permit Office of the Public Infrastructure Department at (713) 866-3000 or visit their website at <http://www.ci.harriscountytx.gov>. For information regarding the benchmarks provided by the National Geodetic Survey, please see note above.

Some bridges and other structures shown on the detailed studied streams are not labeled. See corresponding flood profile for appropriate name.



LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD EVENT

- ZONE A** No base flood elevations determined.
- ZONE AE** Base flood elevations determined.
- ZONE AH** Flood depths of 3 to 3 feet (locally areas of ponding); base flood elevations determined.
- ZONE AD** Flood depths of 1 to 3 feet (locally areas of ponding); average depths determined; areas of elevated fan flooding, variable and determined.
- ZONE AR** Area of special flood hazard formerly protected from the 1% annual chance flood event by a flood control system that was substantially damaged. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood event.
- ZONE ARB** Area to be protected from 1% annual chance flood event by a Federal flood protection system under construction; no base flood elevations determined.
- ZONE V** Coastal flood zone with velocity hazard (wave action); no base flood elevations determined.
- ZONE VE** Coastal flood zone with velocity hazard (wave action); base flood elevations determined.

FLOODWAY AREAS IN ZONE AE

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

OTHER FLOOD AREAS

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

ZONE D Areas to 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
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary defining Special Flood Hazard Areas of different base flood elevations, flood depths or velocities
- Base Flood Elevation line and velocity elevation in feet
- Base Flood Elevation value where uniform within zone elevation in feet
- Referenced to the North American Vertical Datum of 1988
- Cross Section Line
- Traverse Line
- Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
- 4270000 M 1000-meter Universal Transverse Mercator grid values, zone 16
- 600000 FT 5000-foot grid value
- DX8510 X North arrow operation in degrees to show position of this FIRM panel
- Miles

MAP REPOSITORY
Refer to Floodway Listing on Public Map

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
SEPTEMBER 26, 1990

EFFECTIVE DATES OF REVISIONS TO THIS PANEL

SEPTEMBER 26, 1992
REVISIONS, 1998
APRIL 20, 2000
JUNE 16, 2007: to change base flood elevations, to add special flood hazard areas, to change special flood hazard areas, to change zone designations, to reflect updated geographic information, and to change floodway.

For community map revision history prior to community mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 800-368-8842.

MAP SCALE 1" = 100'

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP
HARRIS COUNTY, TEXAS
AND INCORPORATED AREAS

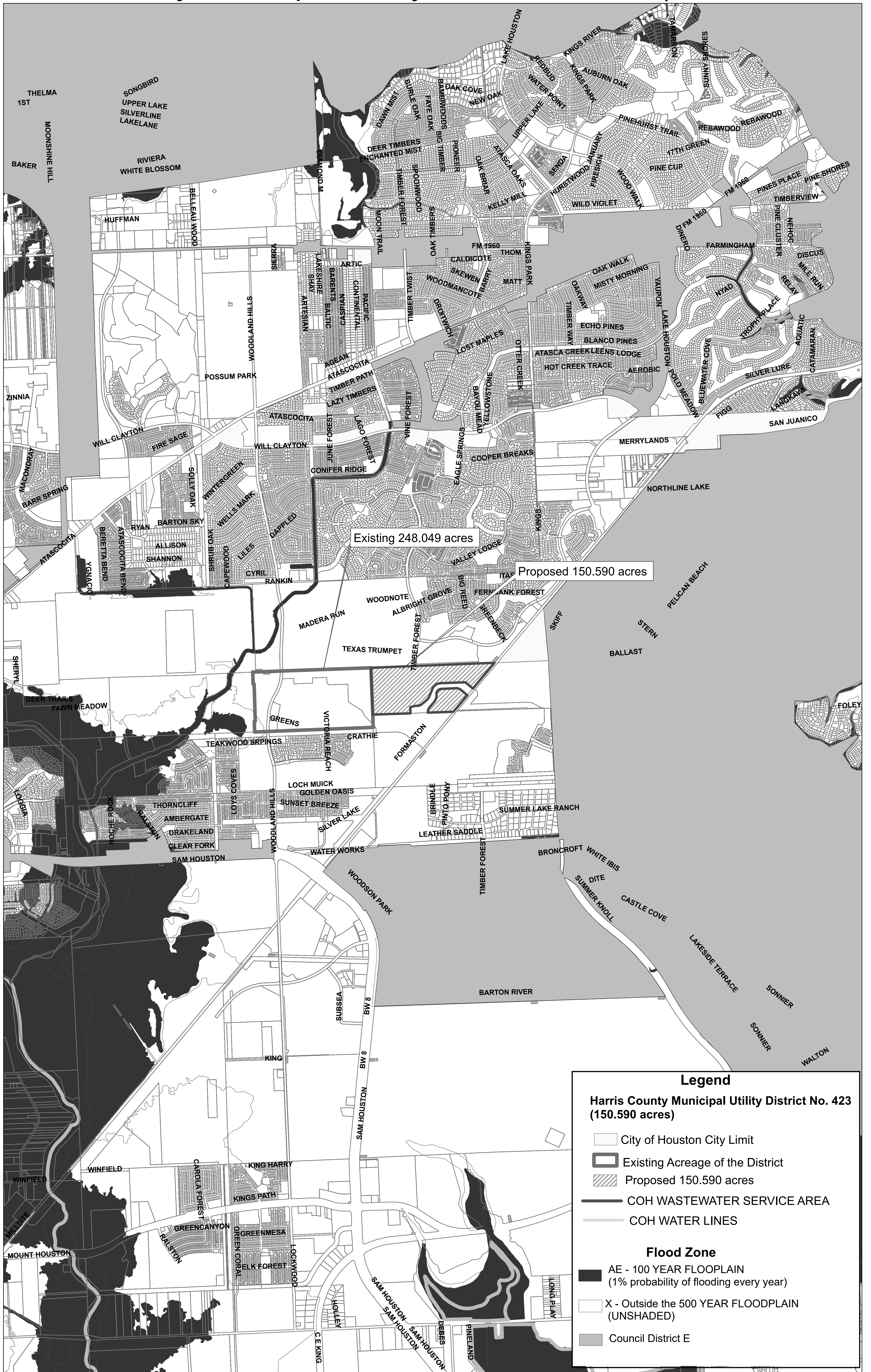
PANEL 610 OF 1160
SEE MAP INDEX FOR FIRM PANEL LAYOUTS

COMMUNITY HARRIS COUNTY, TEXAS
JURISDICTION HARRIS COUNTY, TEXAS

MAP NUMBER 48201G0510L
MAP REVISED: JUNE 16, 2007

Federal Emergency Management Agency

Harris County Municipal Utility District No.423 (150.590 acres)



Existing 248.049 acres

Proposed 150.590 acres

Legend

Harris County Municipal Utility District No. 423 (150.590 acres)

- City of Houston City Limit
- Existing Acreage of the District
- Proposed 150.590 acres
- COH WASTEWATER SERVICE AREA
- COH WATER LINES

Flood Zone

- AE - 100 YEAR FLOODPLAIN (1% probability of flooding every year)
- X - Outside the 500 YEAR FLOODPLAIN (UNSHADED)
- Council District E