

HIGH BANK GUARDRAIL	
GUARDRAIL	
23 PS	_
HENRY J. N. TAUB AND JOSEPH S. JAVOR TO DAVID ADICKES VOL. 6944, PG. 530 H.C.D.R. 10-03-1967	R
19 PS - 50 ³ - 50 ³ - 10 T 11 21 PS - 10 T 11 21 PS - 50 ³ - 50 ³	H STREET NOT OPEN
0.9873 ACRES ASPHALT PARKING LOT	LA BR
(18 000 VARAS)	
SET P.K. NAIL (0.421 VARAS)	POINT OF EZGIN SET P.K. NAIL N57*08'45"W-40.00'
SET P.K. NAIL S32°51'15"W-1.17' SET P.K. NAIL N57°08'45"W-100.00' (0.421 VARAS) (36.000 VARAS)	- (14.400 VARAS)
LOT 12	OSCAR MAYER" BILLBOARD
CALLED 0.5806 ACRES MISSOURI PACIFIC RAILROAD COMPANY TO REALTY PARKING PROPERTIES L.P. M728071 182-70-1415	PARKING
07-16-1990	
CONCRETE WALK	
COMMERCE AVENUE (80°R/W) ASPHALT PAVEMENT W/CONCRETE CURB & GUTTER	
BLOCK 10	
CITY OF HOUSTON ENGINEERING DEPARTMENT REFERENCE LINE S57'08'45"E-1990.14' (716.450 VARAS) (CALLED 1989.5')	
FRANKLIN AVENUE	

x=1,136,444.569 VARAS y=258,931.991 VARAS

x=3,156,790.47 FEET

y=719,255.53 FEET

S60°40'05"E-67.41' (24.268 VARAS)

S57°11'51"E-39.77

(14.317 VARAS)

-MEANDER LINE OF MEAN HIGHER HIGH WATER



Counter 61595

Halff Associates

PLANNERS • SURVEYORS

December 18, 2000

Mr. Ben Thomson, RPLS, LSLS Texas General Land Office Surveying Division 1700 N. Congress Avenue Austin, Texas 78701 FAX (713) 523-4373

3701 KIRBY DRIVE, SUITE 1290

HOUSTON, TEXAS 77098 (713) 523-7161

AT 22 JOS HERAL LAND OFFICE
County HARRIS, St. No
County 11. REPORT Spite
County MARRIS St. No I
,

File Date Dec. 21, 2000 by D.J.H.

Re: Block 7, South Side Buffalo Bayou, Houston, Harris County, Texas

Dear Ben,

Enclosed please find the original and 1 blueline copy of the survey of the above referenced site to be filed in the records of the General Land Office in accordance with the requirements of Section 33.136 of the Natural Resource Code "Property Rights: Preservation of Littoral Rights". Also enclosed is the original and 1 copy of the accompanying Surveyors Report to be filed with the Survey.

If you have any questions or need further information, please do not hesitate to give me a call.

Thank you.

Sincerely,

William E. Merten, RPLS, LSLS Director of Surveying - Houston

Cc: Mr. Rick Butts, Prejean & Company



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SURVEYORS REPORT SURVEY OF THE LINE OF MEAN HIGHER HIGH WATER ALONG BLOCK 7, SOUTH SIDE BUFFALO BAYOU ADDITION IN THE JOHN AUSTIN SURVEY CITY OF HOUSTON, HARRIS COUNTY, TEXAS

At the request of Prejean & Company, Inc. and in my capacity as a Licensed State Land Surveyor in Texas, I have determined the line of Mean Higher High Water for Buffalo Bayou along Block 7, South Side Buffalo Bayou Addition in the John Austin Survey, Abstract Number 1, in the City of Houston, Harris County, Texas. This survey was performed as per the requirements outlined in the Coastal Public Lands Management Act of 1973, as amended, Chapter 33, Natural Resources Code, and specifically per Section 33.136, Natural Resources Code, "Property Rights: Preservation of Littoral Rights".

The purpose of this survey was to evidence "...the location of the shoreline in the area depicted in this survey as that shoreline existed before commencement of erosion response activity..."(Section 33.136(b), Natural Resources Code).

Title to the John Austin Survey was received from the Mexican Government on July 21, 1824 and Buffalo Bayou flows from west to east through the survey. The bed of Buffalo Bayou is owned in fee by the Harris County Houston Ship Channel Navigation District with all mineral rights expressly reserved to the State of Texas by Chapter 292, Acts of the 40th Legislature, Regular Session (1927). Buffalo Bayou is tidally influenced in the project area.

In the case of Humble Oil & Refining Co. vs. Sun Oil Co. (190 F 2d 191), the court held that "grants issued by the King of Spain and the Mexican State before the adoption of common law in Texas, the boundary between sea and upland must be determined in accordance with principals announced in Las Siete Partidas, the basic law of Spain and Mexico which defines "shore" as all ground covered with water at high tide during the whole year, whether in winter or summer."

In a decision by the Texas Supreme Court in the case of Luttes vs. State (324 SW 2nd 167, on remand 328 SW 2nd 920) it was found that the littoral boundaries for civil law grants differs from the boundaries of common law grants. The court states that for civil law grants (grants by Spain and Mexico) the boundary is the line of Mean Higher High Water (MHHW) and for common law grants (grants made by the Republic and State of Texas) the boundary is the line of Mean Higher Mexico. Therefore, the littoral boundary within the John Austin Survey, a Mexican Grant, will be the line of Mean Higher High Water.

The Luttes case defined Mean Higher High Water as a tidal datum that is the average of the higher of the two daily tides observed over a specific 19 year period (epoch) and Mean High Water as a tidal datum that is the average of all high tides over a specific 19 year period (epoch). Tides being defined as the regular and predictable rise and fall in sea level due to the gravitational pull of the sun and moon.

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code
Art. 33.136, Natural Resources Code County HARRIS, St. No. 14
File Date Dec. 21,2000by D.J.H

Surveyors Report Buffalo Bayou Page 2 of 2

Also, sea levels are influenced by weather conditions, geographical location and topography of the coastline. The combination of these conditions can result in a wide variation in the elevation of the tidal datum from location to location.

The project site is along approximately 92 varas (255 linear feet) of the southerly bank of Buffalo Bayou against property now owned by David Adickes and is bounded on the west by Austin Street and on the east by La Branch Street. This area of Buffalo Bayou is an area of extensive erosion as evidenced by the existence of "cutbanks" along the entire length of the project.

Observations of the water level in the bayou through the tide cycles revealed that the line of Mean Higher High Water falls along the existing "cutbank" and that the littoral boundary is defined by the "cutbank".

On October 6, 2000, points were located on the "cutbank" (line of Mean Higher High Water) along the southerly bank of Buffalo Bayou for the entire project length. These points were incorporated into surveyed meanders delineating the littoral boundary between the bed of Buffalo Bayou and the privately owned uplands.

The surveyed meander line was tied to the Texas Coordinate System of 1929, South Central Zone using City of Houston Engineering Department Reference Rod No. 2 for reference. The scale factor used for this project is 0.99989103.

There is an excavated area for a drainage structure and a timber sheet piling located in the Austin street right-of-way to the east of the project area. These areas have been noted on the survey. To the best of my knowledge no artificial fill or development, other than previously stated, that would cause alteration to the line of mean higher high water, has occurred within the area surveyed.

A plat showing the results of this survey was prepared by Prejean & Company, Inc. and accompanies this report.

Respectfully submitted,

William E. Merten Licensed State Land Surveyor Halff Associates, Inc. 3701 Kirby Drive, Suite 1290 Houston, Texas 77098 713-523-7161



File No. 14- NRC-Art. 33. 136

Harris County 55 B B ADDITION (South Side Buffalo Bayou) ORIGINAL - REPORT-0.9873 Ac. out of Bik. 7

Date Filed Dec. 21, 2000

David Dewhurst, Commissioner Douglas Howar For Plat - See Harris Co. Art. 33.136 Sketch No. 1