



File No. Sketch File 36

Fort Bend County
Resurvey of MA 45222

Filed March 28 19 97

GARRY MAURO, Com'r


SURVEYORS REPORT By Douglas Howard
LOCATION OF 1.072 ACRES OUT OF
THE GLADYS M. KARKOSKA SURVEY See Rld. SK. 17
FORT BEND COUNTY, TEXAS

The purpose of this survey was to locate 1.072 acres out of the southern portion of the 16.85 acre Permanent School Fund tract known as the Gladys M. Karkoska Survey. The Karkoska Survey was originally located by Mr. Fred Williamson during the month of January, 1954 by virtue of Mineral Application number 45222.

Historically, this area has had problems with the locations of various surveys until the survey by Mr. Williamson resolved these discrepancies. The result of his survey is described in the surveyors report and hearing minutes found in the General Land Office Survey File Number MA 45222, and shown on the plat found in Fort Bend County Rolled Sketch #2.

The Karkoska Survey is adjoined on the northeast by the George W. Cartwright Survey (GLO File No. 1-14), on the northwest and southwest by the James Conner Survey (GLO File No. B-43) and on the east by the I&GN RR Survey (GLO File No. S-113). These adjoining surveys are senior to the Karkoska Survey and control its location.

Initial field work was performed during the first two weeks of December, 1996, with corners being set on January 23, 1997, using a Topcon model GTS-BD total station for traverse and monument location and a Sokkia Model GIR1000 Global Positioning System processed with Prism L1 software for connection to National Geodetic Triangulation Stations. All bearings and coordinates are referenced to the Texas Coordinate System of 1927, South Central Zone, as per the Texas Natural Resources Codes, Section 21.071, et.seq. The origin of grid bearings is through N.G.S. Station "HGCS D 24".



Utilizing the information from the survey performed by Mr. Williamson, an attempt was made to recover corner monumentation on and around the Karkoska Survey.

On the Cartwright Survey, monumentation was found at the west, south and east corners. These corners fell in paved roadways and were taken as perpetuations of the original corners. Lines were run between these monuments to reestablish the southwest and southeast lines of this survey. An old fence line was found along this survey's southeast line and was found to be in line with the monumentation found at the south and east corners. This appears to be the same fence referred to in a passing call in the Williamson Surveyors Report. The southwest line of this survey also establishes the northeast line of the Karkoska Survey.

On the James Conner Survey, monumentation was found marking the lower east line and lower northeast line. These lines closely match the lines surveyed and reported by Mr. Williamson. An attempt was made to recover monumentation on the upper east line, however no evidence of the corners reported by Mr. Williamson on this line was found. The upper southeast line of the Conner Survey was reestablished from the northwesterly end of the lower northeast line by running a line perpendicular to the lower northeast line, northeasterly to its intersection with the southwest line of the Cartwright Survey reestablished above. The monumented lower northeast line of the Conner Survey also marks the southwest line of the Karkoska Survey and the upper southeast line of the Conner Survey establishes the northwest line of the Karkoska Survey.

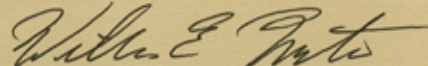
The monumentation found at southeast corner of the Conner Survey also marks the northeast corner of the Alex Philips Survey (G.L.O. File Number 1-38). Alignment of the monumentation found on the Philips east line reveals a bearing consistent with the record angular relationship of the Philips and Cartwright Surveys.

The I&GN RR Survey adjoins the southwest line of the Cartwright Survey and, as reported by Mr. Williamson, is in conflict with the Conner and Philips Surveys. Monumentation was found on the lower northeast line of the Conner Survey which has been taken as the original corner marking the intersection of this line with the original west line of the I&GN RR Survey as established by Mr. Williamson. From this corner a line was run, on the same bearing as was found for the east line of the Philips Survey, northerly to its intersection with the southwesterly line of the Cartwright Survey. This point establishing the north corner of the I&GN RR Survey. This line also establishes the easterly line of the Karkoska Survey.

The location of the 1.072 acres out of the Karkoska Survey began at the south corner of this survey. A line was run northwesterly along Karkoska's southwest line to a point in the centerline of a tributary of Willow Fork of Buffalo Bayou for the west corner of the 1.072 acres. Then, returning to Karkoska's south corner, a line was run northerly along Karkoska's east line to a point in the centerline of the tributary for the northeast corner of the 1.072 acres. Then a line was run westerly along the centerline of the tributary to the established west corner of the 1.072 acres to close this survey.

Field notes based on this construction were prepared for the 1.072 acres and the remaining acreage in the Karkoska Survey. A plat showing the results of this survey was prepared and filed with this report.

Respectfully Submitted,


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Licensed State Land Surveyor



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