

MISSOURI GEOGRAPHIC REFERENCE SYSTEM

MISSOURI DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGY AND LAND SURVEY
LAND SURVEY PROGRAM

PO Box 250, Rolla, Missouri 65402, (573) 368-2300

STATION NAME: Blair

PID: KE1525

COUNTY: Buchanan

STATE: Missouri

TOWNSHIP: 57 NORTH, RANGE: 35 WEST, SECTION: N 1/2 of 26

USGS 7.5' QUAD: St. Joseph South

DATE MONUMENTED: 1934

MONUMENTED BY: USC&GS

TECHNICAL DATA TABLE:

(All data in meters 1 meter = 3.28083333 feet)

HORIZONTAL: NAD 1983**VERTICAL:** NAVD 1988

DATE OF OBSERVATIONS: 2001

DATE OF OBSERVATIONS: 2001

DATE OF ADJUSTMENT: 2000

DATE OF ADJUSTMENT: 2001

ORDER: 1st

ORDER:

LATITUDE: 39°43'56.11716"

ELEVATION: 313.5

LONGITUDE: 94°47'46.37591"

ELLIPSOID HEIGHT: 281.46

MISSOURI COORDINATE SYSTEM 1983:

NORTH (Y): 395783.306

EAST (X): 824607.969

ZONE: West

CONVERGENCE: -00°11'22"

GRID FACTOR: .9999050

AZIMUTH INFORMATION:

STATION: Blair

AZIMUTH MARK: NOT FOUND

GEODETTIC:

ASTRONOMIC:

GRID:

REMARKS

The HORIZONTAL POSITION was determined by GPS observations and adjusted by the National Geodetic Survey in February 2000.

The ELEVATION was determined by GPS observations.

The ELLIPSOID HEIGHT was determined by GPS observations referenced to NAD83.

GEOID 99 was used in determining ELEVATION and ELLIPSOID HEIGHT.

STATION: Blair

DESCRIPTION: The station is a standard USC&GS brass disk stamped "Blair, 1934", set in concrete post flush with the ground surface. The azimuth mark was searched for but not found.

STATION, AZIMUTH MARKS AND REFERENCE TIES: The station is located in the southeast part of St. Joseph, Mo, in the front yard of Mr. Jeff Jacobs at 3215 40th Terrace. It is 102.5 feet southwest of the southwest corner of the house; 46 feet northeast of a fence corner post; 44 feet northeast of a utility pole with a transformer; 78.6 feet northeast of RM #1 on the west side of 40th Terrace; 43 feet east of the center of 40th Terrace; 92.5 feet South-southeast of RM #2 on the front slope of the lawn and 16 feet south of the center of the driveway. RM #1 is in the Y of the junction of 40th Terrace with Pear Street; 22 feet west of the center of 40th Terrace and under a lilac shrub just north of a retaining wall. RM #2 is on the front slope of Mr. Jacob's yard; 20 feet east of the center of 40th Terrace; 20 feet south of a fence corner and 32 feet south of a utility pole.

STATION & AZIMUTH MARK TO REACH: To reach the station from the center of I-29 Exit 44 (US Hwy 169 and Loop 29) in the southeast part of St. Joseph, MO; go westerly and northerly on US Hwy 169 for 1.1 mile to traffic light intersection with Pear Street (US 169 continues north and Loop 29 turns west). Turn right and go east on Pear Street for 0.3 mile where pavement turns south and merges with 40th Terrace. Turn hard left and go north on 40th Terrace for 0.05 mile to first driveway on right (east) and station in yard of House #3215 40th Terrace as described.

SPECIAL INFORMATION: Property is occupied by:

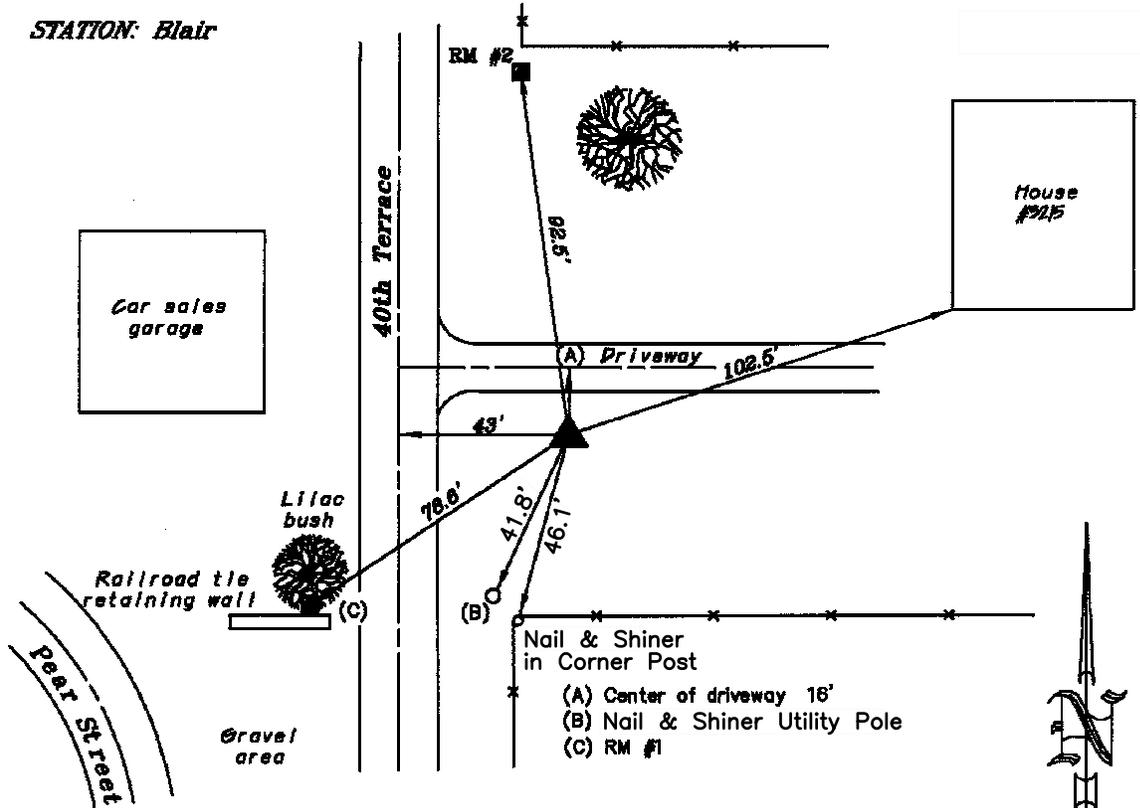
Mr. Jeff Jacobs
3215 40th Terrace
St. Joseph, MO 64503
Tel: 816/279-3209

SUPERSEDED SURVEY CONTROL

NGS NAD 83(1997)-	39°43'56.11715"(N)	94°47'46.37592"(W)
NGS NAD 83(1997)-	39°43'56.11715"(N)	94°47'46.37593"(W)
NGS NAD 83(1986)-	39°43'56.11980"(N)	94°47'46.37278"(W)
NGS NAD 27	- 39°43'56.13800"(N)	94°47'45.50400"(W)

DATE of REPORT, 2002

STATION: Blair



AZIMUTH MARK:

The azimuth mark was not recovered at this time.

DATE OF SKETCH 2001



STATION: BLAIR (LOOKING SOUTH)



STATION: BLAIR (LOOKING WEST)