

NORTHWEST CORNER OF SECTION 04, TOWNSHIP 18 SOUTH, RANGE 13 EAST

- 1) ON PAGE 92 OF THE GLO ORIGINAL FIELD NOTES IN THE DRAFTING ROOM IN THE COUNTY ENGINEER'S OFFICE IT STATES THAT **THEY SET A LIMESTONE 24" X 12" X 3"** FOR THE CORNER TO SECTIONS 4 & 5-18-13 ON THE NORTH TOWNSHIP BOUNDARY ON DECEMBER 29, 1855.

THE GOVERNMENT SURVEY NOTES SHOWS THE FOLLOWING INFORMATION:

- 1) 40.00 CHAINS EAST ON THE NORTH TOWNSHIP BOUNDARY TO THE 22" X 12" X 3" LIMESTONE THEY SET FOR THE NORTH 1/4 CORNER OF SECTION 4-18-13
 - 2) 80.00 CHAINS EAST ON THE NORTH TOWNSHIP BOUNDARY TO THE 20" X 12" X 3" LIMESTONE THEY SET FOR THE CORNER TO SECTIONS 3 & 4-18-13
 - 3) 40.10 CHAINS SOUTH TO THE 18" X 12" X 5" LIMESTONE THEY SET FOR THE 1/4 CORNER BETWEEN SECTIONS 3 & 4-18-13
 - 4) 80.10 CHAINS SOUTH TO THE 23" X 14" X 2-1/2" LIMESTONE THEY SET FOR THE CORNER TO SECTIONS 4, 5, 8 & 9-18-13
- 2) R. H. EDMISTON, COUNTY SURVEYOR FROM 1884 TO 1887, IN A ROAD SURVEY RECORDED IN ROAD RECORD BOOK "A" ON PAGE 215 [PACKET 266 IN THE VAULT IN THE COUNTY SURVEYOR'S OFFICE] PETITIONED BY H. F. HOLMES AND OTHERS FOR A COUNTY ROAD IN TOWNSHIP 17-13 THAT HE SURVEYED ON SEPTEMBER 16, 1874, AND WAS ESTABLISHED ON OCTOBER 5, 1874 AS ATTESTED BY J. S. CRAIG, COUNTY CLERK, SAID THAT **HE FOUND THE STONE** AT THE NORTHWEST CORNER OF SECTION 4-18-13 ON THE TOWNSHIP LINE TO END THIS ROAD SURVEY.

HIS FIELD NOTES AND PLAT SHOW THE FOLLOWING INFORMATION:

- 1) BEGINNING AT THE NE1/4 [PETITION STATES "NORTHEAST CORNER"] OF SECTION 29, TOWNSHIP 17, RANGE 13 AND RUNNING SOUTH ON THE SECTION LINE 176.3 RODS; THENCE S. 44°53' W. 10.66 RODS; THENCE S. 34°25' E. 3 RODS; THENCE SOUTH 88° E. 11.5 RODS CROSSING DUCK CREEK AND INTERSECTING THE SECTION LINE; THENCE SOUTH ON THE SECTION LINE 87.33 RODS; THENCE S. 26°20' W. 12.12 RODS; THENCE S. 7°50' E. 15.27 RODS; THENCE S. 63°25' E. 24.84 RODS; THENCE S. 67° W. 12.84 RODS; THENCE S. 28°15' W. 24.9 RODS; THENCE S. 17° E. 98.18 RODS TO INTERSECT THE SECTION LINE; THENCE SOUTH ON THE SECTION LINE 44.84 RODS TO THE 1/4 SECTION CORNER BETWEEN SECTIONS 32 & 33; THENCE SOUTH TO THE SECTION CORNER BETWEEN SECTIONS 32 & 33 AND 4 & 5 ON TOWNSHIPS 17 AND 18 RANGE 13
 - 2) TOTAL DISTANCE 2 MILES 38-3/4 RODS
 - 3) VIEWERS RECOMMENDED THAT THE ROAD BE GRANTED ACCORDING TO THE SURVEY AND PLAT, AND THAT SAID ROAD BE 50 FEET WIDE AS LOCATED AND SURVEYED
- 3) ROBERT MILLIKEN, COUNTY SURVEYOR FROM 1870 TO 1875 AND FROM 1882 TO 1883, IN SURVEY NUMBER 41 OF THE 8TH TERM RECORDED IN SURVEY BOOK "C" ON PAGE 98, A ROAD SURVEY PETITIONED FOR BY HUGH R. HOLMES, ET. AL. DATED SEPTEMBER 16, 1874, SAID THAT **HE FOUND THE STONE** AT THE SOUTHWEST CORNER OF SECTION 33-17-13 ON THE TOWNSHIP LINE TO END THIS ROAD SURVEY.

HIS SURVEY NOTES SHOWS THE FOLLOWING INFORMATION:

- 1) 2,540' NORTH TO AN ANGLE STONE HE SET ON THE WEST LINE OF SEC. 33-17-13
- 4) ROBERT MILLIKEN, COUNTY SURVEYOR FROM 1870 TO 1875 AND FROM 1882 TO 1883, IN SURVEY NUMBER 71 OF THE 8TH TERM, A **PERMANENT SURVEY** RECORDED IN SURVEY BOOK "C" ON PAGE 128 DATED APRIL 26, 1875 TO SUBDIVIDE THE SOUTHEAST 1/4 OF SECTION 4-18-13, SAID THAT **HE FOUND THE STONE** AT THE NORTHWEST CORNER OF SECTION 4-18-13 ON THE TOWNSHIP LINE ON THIS **PERMANENT SURVEY**. THE SURVEY WAS NOT SIGNED AND DID NOT APPEAR TO HAVE BEEN COMPLETED.

HIS SURVEY NOTES/DRAWING SHOWS THE FOLLOWING INFORMATION:

- 1) 2,674' SOUTH TO THE TEMPORARY WEST 1/4 CORNER OF SECTION 4-18-13 HE SET
 - 2) 5,314' SOUTH TO THE STONE HE FOUND AT SOUTHWEST CORNER OF SECTION 4-18-13
- 5) ROBERT MILLIKEN, COUNTY SURVEYOR FROM 1870 TO 1875 AND FROM 1882 TO 1883, IN A ROAD SURVEY FOR ROAD NUMBER 168 RECORDED IN ROAD RECORD BOOK "B" ON PAGES 258 TO 260 [PACKET 433 IN THE VAULT IN THE COUNTY SURVEYOR'S OFFICE] PETITIONED BY WILLIAM CALDWELL AND OTHERS FOR THREE (3) ROADS IN TOWNSHIP 18-13 THAT HE SURVEYED ON MAY 18 & 19, 1882, WAS ESTABLISHED ON JULY 14, 1882 AS NOTED BY HUGH F. HOLMES, CHAIRMAN OF THE BOARD OF COUNTY COMMISSIONERS, AND RECORDED ON JULY 21, 1882 BY WILLIAM F. EWING, COUNTY CLERK, SAID THAT **HE FOUND THE GOVERNMENT STONE "IN PLACE"** AT THE NORTHWEST CORNER OF SECTION 4-18-13 ON THE TOWNSHIP LINE AT THE TERMINUS OF THE FIRST ROAD ON THIS ROAD SURVEY.

HIS FIELD NOTES SHOWS THE FOLLOWING INFORMATION:

- 1) THE FIRST ROAD: FROM THE CORNER TO SECTIONS 20-21-28 & 29 TOWNSHIP 18 RANGE 13, I RAN NORTH ON THE SECTION LINES THREE MILES FINDING THE GOVERNMENT CORNERS ALL IN PLACE; FROM THE SOUTHWEST CORNER OF SECTION 4-18-13 I RAN NORTH ON THE SECTION LINE 2,285 FEET A RAVINE NORTH ALONG LINE ABOUT 125 FEET – 2,584 FEET SAME RAVINE RUNS EAST – 2,705 FEET THE CENTER TRACKS OF THE A. T. & S. F. RAILROAD – 5,284 FEET THE CORNER BETWEEN SECTIONS 4 & 5-18-13 ON THE TOWNSHIP LINE AT THE TERMINUS OF THE FIRST ROAD.
 - 2) THE VIEWERS REPORTED IN FAVOR OF LOCATING THE FIRST ROAD AS IT IS A PUBLIC NECESSITY
 - 3) THE VIEWERS DETERMINED THAT IF THE SAID FIRST ROAD BE LOCATED AND OPENED THAT ITS WIDTH SHALL BE SIXTY (6) FEET EXCEPT THAT PART ON THE LINE BETWEEN SECTIONS 4 & 5 FOR 1,000 FEET SOUTH OF THE RAILROAD LIMIT WHERE IT SHALL BE 80 FEET, 30 FEET WEST OF THE SECTION LINE AND 50 FEET EAST OF SAME
 - 4) THE THIRD ROUTE CALLED FOR IS IMPRACTICABLE ON ACCORD OF A EVIDENT MISTAKE IN THE DESCRIPTION OF THE COURSE
- 6) ALVA J. SMITH, COUNTY SURVEYOR FROM 1900 THROUGH 1906, IN SURVEY NUMBER 24, A JOINT **PERMANENT SURVEY** WITH L. S. RUNNELLS, OSAGE COUNTY SURVEYOR, RECORDED IN SURVEY BOOK "E" ON PAGE 205 DATED MAY 13 & 14, 1901 ORDERED BY CHARLES BROWER TO MAKE SUCH A SURVEY AS MAY BE NECESSARY TO LOCATE AND PERMANENTLY ESTABLISH THE SOUTHWEST CORNER, THE SOUTHEAST CORNER, AND THE SOUTH 1/4 CORNER OF SECTION 34-17-13, AND RUN SUCH OTHER LINES AS NECESSARY TO PROPERLY COMPLETE THE WORK, SAID THAT HE RAN THE TOWNSHIP LINE FROM THE STONE THAT **HE FOUND** AT THE SOUTHWEST CORNER OF SECTION 32-17-13 TO THE STONE THAT **HE FOUND** AT THE TOWNSHIP CORNER AT THE SOUTHEAST CORNER OF SECTION 36-17-13 ON THIS **PERMANENT SURVEY**. HE DID **NOT** FIND THE STONE AT THE SOUTHWEST CORNER OF SECTION 33-17-13 ON THIS **PERMANENT SURVEY**.
- 7) COMMISSIONER'S ROAD JOURNAL BOOK "A", PAGE 55 iN THE COUNTY CLERK'S OFFICE:
ON OCTOBER 12, 1918 A PETITION SIGNED BY SILAS DAVIS AND 18 OTHERS FOR THE WIDENING OF A ROAD IN TOWNSHIPS 17-12 AND 17-13 WAS PRESENTED TO THE BOARD OF COUNTY COMMISSIONERS. THE ROAD WAS VIEWED ON NOVEMBER 11, 1918, AND THE FINAL ORDER WAS ISSUED ON JANUARY 10, 1919.

- 1) ROAD PETITIONED: BEGINNING AT THE SOUTHWEST CORNER OF THE SOUTHEAST 1/4 OF SECTION 34, TOWNSHIP 17, RANGE 13, FROM THENCE WEST TO THE LAWRENCE AND EMPORIA ROAD. THE ABOVE ROAD TO BE WIDENED TO 60 FEET.
 - 2) VIEWERS REPORT: WE BELIEVE WITH THE IMPORTANCE OF THIS ROAD AND NUMEROUS GULLIES TO BE CROSSED AND HILLS THAT SHOULD BE CUT DOWN, WHICH WILL REQUIRE SUCH WIDTH TO PROPERLY GRADE, WE RECOMMEND THAT THE ROAD BE WIDENED TO 60 FEET FROM THE WEST PART OF READING EXTENDING WEST TO THE WEST LINE OF SECTION 2-18-12.
 - 3) THE BALANCE OF THE ROAD PETITIONED TO REMAIN AS IS PRESENTLY ESTABLISHED.
- 8) W. G. RUGGLES, COUNTY ENGINEER FROM 1915 TO 1928, IN A ROAD SURVEY FOR ROAD NUMBER 709 RECORDED IN ROAD RECORD BOOK "E" ON PAGE 66 PETITIONED BY SILAS DAVIS AND OTHERS FOR THE WIDENING OF A ROAD IN TOWNSHIPS 28-12 AND 18-13 THAT WAS VIEWED BY THE COUNTY COMMISSIONERS AND THE COUNTY SURVEYOR ON NOVEMBER 11, 1919 AND WAS ORDERED THAT THE ROAD BE WIDENED TO 60 FEET FROM THE WEST LINE OF READING CITY EXTENDING WEST TO THE WEST LINE OF SECTION 2-18-12, THE BALANCE TO REMAIN AS PRESENT ESTABLISHED ON NOVEMBER 11, 1919 AS NOTED BY FRANK McCAIN, CHAIRMAN OF THE BOARD OF COUNTY COMMISSIONERS. THE *RETURN OF SURVEY AND PLAT* DOES NOT MATCH THE DESCRIPTION OF THE ROAD WIDENING ALLOWED. HE APPARENTLY **FOUND** THE NORTHWEST CORNER OF SECTION 4-18-13 ON THE TOWNSHIP LINE ON THE ROAD WIDENING ALLOWED.
- 1) THE ROAD WIDENING EXTENDS EAST ON THE TOWNSHIP LINE FOR 1-1/2 MILES TO THE SOUTHWEST CORNER OF THE SE1/4 OF SECTION 34-17-13 ON THE WEST LINE OF READING CITY TO BEGIN THE ROAD WIDENING ALLOWED
 - 2) THE ROAD WIDENING EXTENDS WEST ON THE TOWNSHIP LINE FOR 4 MILES TO THE NORTHWEST CORNER OF SECTION 2-18-12 AT THE TERMINUS OF THE ROAD WIDENING ALLOWED
- 9) TIES FROM A SHEET FROM "MILES ENGINEERING AND SURVEYING" [GREGORY ALAN MILES, L.S. 667] IN THE SURVEY DRAWER WITH NO DATE SHOWS A "**16 PENNY NAIL**" AT THE NORTHWEST CORNER OF SECTION 4-18-13 ON THE TOWNSHIP LINE. [**NOTE: VERIFY BEFORE USING AS THERE IS NO INDICATION OF THE METHODOLOGY HE USED TO DETERMINE THAT THIS 16 PENNY NAIL WAS THE NORTHWEST CORNER OF SECTION 4-18-13. WARREN CHIP WOODS, L.S. 603, COUNTY SURVEYOR**]
- 1) 45.27' SE TO A NAIL & BOTTLE CAP IN THE SIDE OF A CORNER FENCE POST
 - 2) 45.57' SW TO A NAIL & BOTTLE CAP IN THE SIDE OF A CORNER FENCE POST
 - 3) 74.10' NE TO A PK NAIL IN THE SIDE OF A CORNER FENCE POST
 - 4) **A RAILROAD SPIKE AT THE INTERSECTION IS 1' NORTH AND 0.7' EAST**
- 10) STEVEN S. BROSEMER, L.S. 752, DEPUTY COUNTY SURVEYOR, IN A SURVEY DATED FEBRUARY 17, 1998, FOR PROJECT NUMBER 98030-02 AND FILED AS SURVEY F32001 IN THE SURVEY FILE FOR TOWNSHIP 17-13, SAID THAT **HE RESET** THE SOUTHEAST CORNER OF SECTION 32-17-12 ON THE TOWNSHIP LINE USING SECTION CORNER TIES ON FILE IN THE COUNTY ENGINEERS OFFICE FROM 1982, FROM GREGORY ALAN MILES, L.S 667. **HE SET A 1/2" X 24" REBAR WITH HIS "LS 752" CAP** FOR THE SOUTHEAST CORNER OF SECTION 32-17-13 ON THE TOWNSHIP LINE. HIS TIES ARE MISSING FROM THE SURVEY TIE FILES.
- HIS SURVEY DRAWING SHOWS THE FOLLOWING INFORMATION:
- 1) 454.00' NORTH TO THE 1/2" REBAR WITH HIS "LS 752" CAP HE SET FOR THE NORTHEAST CORNER OF THE 10.0 ACRE TRACT, AS WITNESSED BY THE 1/2" REBAR WITH HIS "LS 752" CAP HE SET AT 30 FEET WEST OF THE TRUE CORNER

- 2) 2,678.61' NORTH TO THE 5/8" REBAR HE FOUND AT THE NORTHEAST CORNER OF THE SE1/4 OF SECTION 32-17-13
 - 3) 960.00' WEST ON THE TOWNSHIP LINE TO THE SOUTHWEST CORNER OF THE 10.0 ACRE TRACT AS WITNESSED BY THE 1/2" REBAR WITH HIS "LS 752" CAP HE SET AT 40 FEET NORTH OF THE TRUE CORNER
 - 4) 5,258.73' WEST ON THE TOWNSHIP LINE TO THE 1/2" REBAR WITH HIS "LS 752" CAP HE SET FOR THE SOUTHWEST CORNER OF SECTION 32-17-13
- 11) STEVEN S. BROSEMER, P.S. 752, DEPUTY COUNTY SURVEYOR, IN A LAND SURVEY REFERENCE REPORT DATED MAY 27, 2015 FOR PROJECT NUMBER 15001-02, SECTION CORNER RECOVERY ALONG K-170 HIGHWAY IN LYON COUNTY FOR THE LYON COUNTY ROAD & BRIDGE DEPARTMENT, SURVEY F04002 IN TOWNSHIP 18-12 AND SURVEY F03018 IN TOWNSHIP 18, 13, SAID THAT **HE FOUND THE EXISTING RECORD 1/2" BENT IRON PIN** AT THE NORTHWEST CORNER OF SECTION 4-18-13 FROM HIS TIES DATED FEBRUARY 17, 1988 FOR PROJECT NUMBER 98030-02 ON FILE IN THE LYON COUNTY ENGINEERS OFFICE.
- 1) STATE PLANE COORDINATES KANSAS SOUTH ZONE:
NORTH = 1997308.568000 EAST = 2031209.598000
 - 2) 46.00' SE TO A SPIKE & BOTTLECAP IN THE TOP OF A CORNER FENCE POST
 - 3) 49.35' SW TO A SPIKE & BOTTLECAP IN THE TOP OF A BRACE POST
 - 4) 103.40' NW TO A SPIKE & BOTTLECAP IN A POWER POLE
 - 5) IN THE CENTERLINE OF THE TRAVELED WAY OF HIGHWAY K-170 EAST-WEST
 - 6) 2.00' EAST TO THE CENTERLINE OF THE TRAVELED WAY OF COUNTY ROAD "X" NORTH-SOUTH
- 12) STEVEN S. BROSEMER, P.S. 752, DEPUTY COUNTY SURVEYOR, IN A LAND SURVEY REFERENCE REPORT DATED DECEMBER 29, 2015 FOR PROJECT NUMBER 15001-02, SECTION CORNER RECOVERY ALONG K-170 HIGHWAY IN LYON COUNTY AT THE REQUEST OF THE COUNTY SURVEYOR, SAID THAT **HE FOUND THE EXISTING RECORD 1/2" BENT IRON PIN** AT THE NORTHWEST CORNER OF SECTION 4-18-13 FROM HIS TIES DATED MAY 21, 2013 FOR PROJECT NUMBER 13111-02 ON FILE AT THE LYON COUNTY ENGINEERS OFFICE. **HE SET A 2-1/2" MAG NAIL AND WASHER AT THE SURFACE OVER THE 1/2" BENT IRON PIN** AT THE NORTHWEST CORNER OF SECTION 4-18-13. SEE HIS DRAWING RECORDED IN THE LYON COUNTY REGISTER OF DEEDS OFFICE, DOCUMENT NUMBER 2015-02011. STATE PLANE COORDINATES FROM 2 PLUS HOUR STATIC CONTROL PROCESSED BY OPUS
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NORTH = 1997308.568000 EAST = 2031209.598000
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 - 3) 49.35' SW TO A SPIKE & BOTTLECAP IN THE TOP OF A BRACE POST
 - 4) 103.40' WNW TO A SPIKE & BOTTLECAP IN A POWER POLE
 - 5) 1.50' NORTH TO THE CENTERLINE OF THE TRAVELED WAY OF HIGHWAY K-170 EAST-WEST
 - 6) 2.00' EAST TO THE CENTERLINE OF THE TRAVELED WAY OF COUNTY ROAD "X" NORTH-SOUTH

NORTHWEST CORNER 04-18-13