

File 2010-00005157

SLSI 9-94
CERT 12-96

Land Survey Monuments situated in Section 34 , Township 89 N ,
Range 11 W , of the Fifth Principal Meridian, BLACK HAWK County, Iowa.
Previously recorded in FEE Book N/A , Page N/A , in County Recorder's Office.

(Show reason for preparing this certificate): The corner monument has been Replaced or Modified, per Ia. Code 355.11(1)(c)

(Evidence and detailed procedures used in establishing the corner position(s) and monumentation found or placed.)

Monument Description and Remarks: N.E. COR. FOUND 1" PINCHED GAS PIPE IN GRAVEL @ ± C.L.-C.L. INTERSECTION PRIOR TO ACC/HMA SURFACING. RECORD COUNTY TIES OF AUG. 1960 AND 4-7-1978 DENOTE REF. TIES, YET NOT MONUMENTATION, WITH ONLY 1 REF. TIE (S.W. P.P.) AGREES (±) FROM RECORD. CORNER LOCATION WAS SIMPLY PAVED WITH HMA SURFACING (±3-4') OVER EXISTING GRANULAR SURFACING. RESET #5 (5/8") x ±5"L. REBAR FLUSH IN ACC PAVEMENT, BEING ± C.L. INTERSECTION. CORNER RETIED AND FILED FOR RECORD.

BHco Hist. Ties: #1002 P.34-89-11

"NOT TO SCALE"

FIELD BOOK: Topcon 7i Std. Meas.

(Show a minimum of three reference ties to durable physical objects, relevant monuments and physical conditions that will enable recovery of the corner.)

- 1.) TIES PER EDM MEASURE IN EITHER PRISM "OR" NON-PRISM MODE, WHILE UTILIZING "DIRECT" MEASURE, WITH ALL DISTANCES PLUMB/HORIZ. (HD), UNLESS DENOTED.

E.1/4 COR.
27-T89-R11

- 2.) SECTION LINE MEASURE REFERS
TO "LOCAL GROUND" DIST. AND
INCLUDES ELLIPSOIDAL (COMBINED)
SCALE FACTOR FROM S.P.C. GRID
INVERSE (AS OBSERVED, PER AVG.
SCALE FACTOR = 1.0000909055624

S.E. COR. 27-T89-R11
= P.I. 557+66

NOTE THAT DEFL. IS
TO "SECTION LINE",
SAME AS C.L. TANG.
GEOM., PER PLAN REF.:
88°53' LT.
D=38'
T=147.9
L=233.9
R=150.8
E=60.4

EST. CUT "X"
@ TOP END
24" R.C.P.

OSAGE RD.
(Gravel)

UTIL. FND. "X"
NAILS @ E.
FACE P.P.

UTIL. FND.
"X" NAILS
@ N.E.
FACE P.P.

(R.) DENOTES RECORD RTK GPS
MEASURE WITHOUT (w/o)
ELIPSOID FACTOR APPLIED.
($\pm 1.000040661 \times = \pm M$)

— 91°07'05"(M)

2653.62' M.
(2652.6' WPA)

OSAGE RD.
-D20- (ACC)

N.1/4 COR. —
35-T89-R11

EST. "X" @
TOP S. HDWL.
R.C.B.

S.P.C., Ia. N. Zone, USft

N=3642037 330'

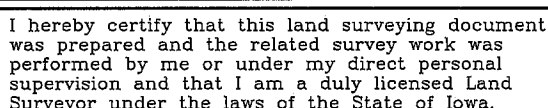
$$F=5293215.060'$$

(NAD83) "BHco1994 Net Adj.", RTK Obs.)

FIELD SURVEY: G.T./J.Z./D.B. 06/01/09

PREPARED BY: J.Z. & G.T. 9/9/09

LIST CORNERS TO BE INDEXED



Geoffrey Allen Tinker ^{09/09/09}
(date)

License Number 15748

My license renewal date is December 31, 2010

Pages or sheets covered by this seal:

This Land Corner Certificate Only.

<u>Corner</u>	<u>Section -</u>	<u>Township -</u>	<u>Range</u>
N.E. Cor.	34	89 N	11 W
N.W. Cor.	35	89 N	11 W
S.E. Cor.	27	89 N	11 W
S.W. Cor.	26	89 N	11 W

INDEX OF ABBREVIATIONS

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(M) = "Measured" Dimension	"NP" = Reflectorless EDM Meas.
(P) = "Plated" Dimension	"MLM" = Indirect Measure
(R) = "Record" Dimension	"CM" = Concrete Monument
(C) = "Calculated" Dimension	"SM" = Survey Marker Spike/Tag
"IGS" = Iowa Geodetic Survey	
"WPA" = Works Progress Admin. Survey	
"G" = per George Miller Survey (BHC Surveyor 1858-1860)	
"B" = per John Ball Survey (BHC Surveyor 1866-1891)	
"N" = per Nathan Barber Survey (BHC Surveyor 1906-1931)	