

PREPARED BY: BLACK HAWK COUNTY ENGINEERS OFFICE  
316 E. FIFTH STREET, ROOM 211 WATERLOO, IOWA 50703

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SLSI 9-94  
CERT 12-96

UNITED STATES PUBLIC LAND SURVEY CORNER CERTIFICATE OF  
Land Survey Monuments situated in Section 36, Township 89 N,  
Range 11 W, of the Fifth Principal Meridian, BLACK HAWK County, Iowa.  
Previously recorded in MISC. Book 295, Page 228, 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. 1/4 COR. FOUND P.K. NAIL PER CURRENT  
RECORD PRIOR TO MILLING 2" Dp. ACC PVM'T. AND 3" Dp. HMA SURFACING. EXISTING PCC  
PVM'T. NOT SEARCHED FOR MONUMENTATION, PER CURRENT RECORD REFERENCE. RECORD  
WPA NOTES STATE "PLUG ON C.L. PVM'T. HWY. #20 NOT FOUND" YET DENOTE RECORD MEAS.  
TO LAND CORNERS E-W AS SHOWN, WHILE RECORD COUNTY TIES ONLY REFER TO "PLUG IN  
ASHALT" DATED AUG. 1960 WITH "NO" GEOM. TIE REF.'S OF RECORD. RESET 5" DURA™  
SPIKE w/WASHER FLUSH WITH ACC/HMA PVM'T., AND LOCATED AT 0.6' NORTH OF NEW C.L.  
PAVING JOINT. PREV. REFERENCE TO P.K. NAIL SET 98.35' WEST OF CORNER "NOT FND."  
PRIOR TO RESURFACING.

NOTE: ALL DISTANCES PLUMB/HORIZ.  
(H.D.), "UNLESS DENOTED".

### PLAN VIEW

BHco Hist. Ties: #1002 p.36-89-11  
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.
- 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

UTIL. FND. "X"  
NAILS @  
S./S.W. FACE  
P.P. (#412)

SET #5 RBR. @  
± TOP FORESLOPE  
LOC. ±80' EAST  
OF P.P.

179°54'28" (M)  
(179°54'30" P.)

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

N.E. COR.  
35-T89-R11  
Per Update.

N.E. COR.  
36-T89-R11  
Per Update.

2638.34' M.  
(vs. 2638.35' P.  
& 2631.8' WPA)

2641.35' M.  
(vs. 2641.25' P.  
& 2648.5' WPA)

EST. PUNCH  
HOLE @ TOP  
W. END OF  
18" C.M.P.

(P.) = "PLATTED" MEASURES DENOTED PER  
PLS #2697 IN MISC. BK. 295 p.074  
OF BH Co. RECORDER RECORDS.

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

N=3642108.710'

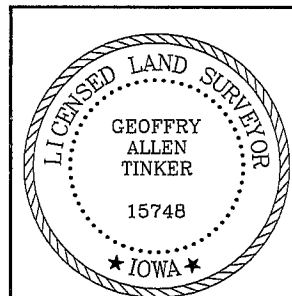
E=5301156.330'

(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

### CERTIFICATION



I hereby certify that this land surveying document  
was prepared and the related survey work was  
performed by me or under my direct personal  
supervision and that I am a duly licensed Land  
Surveyor under the laws of the State of Iowa.

*Geoffrey Allen Tinker* 09/09/09  
Geoffrey Allen Tinker (date)

License Number 15748

My license renewal date is December 31, 2010

Pages or sheets covered by this seal:

This Land Corner Certificate Only.

### LIST CORNERS TO BE INDEXED

Corner	Section -	Township -	Range
N. 1/4 Cor.	36	89 N	11 W
S. 1/4 Cor.	25	89 N	11 W

### INDEX OF ABBREVIATIONS

(M) = "Measured" Dimension  
(P) = "Platted" Dimension  
(R) = "Record" Dimension  
(C) = "Calculated" Dimension  
(IGS) = Iowa Geodetic Survey  
(WPA) = Works Progress Admin. Survey  
"q" = per George Miller Survey (BHco Surveyor 1858-1860)  
"b" = per John Ball Survey (BHco Surveyor 1868-1891)  
"N" = per Nathan Barber Survey (BHco Surveyor 1908-1931)  
"NP" = Reflectorsless EDM Meas.  
"MLM" = Indirect Measure  
"CM" = Concrete Monument  
"SM" = Survey Marker Spike/Tag