

Kind: CORNER
Recorded: 12/05/2012 at 01:42:54 PM
Fee Amt: \$0.00 Page 1 of 1
Black Hawk County Iowa
JUDITH A MCCARTHY RECORDER

File 2013-00011530

PREPARED BY: # BLACK HAWK COUNTY ENGINEERS OFFICE 316 E. FIFTH STREET, ROOM 211 WATE

WATERLOO, IOWA 50703

PH.# (319) 833-3008 FAX.# (319) 833-3139

UNITED STATES PUBLIC LAND SURVEY CORNER CERTIFICATE OF

_, Township<u>90 N</u> Land Survey Monuments situated in Section 15 Range 14 W, of the Fifth Principal Meridian, BLACK HAWK County, Iowa. Previously recorded in File 2010, Page 23568, 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. CURNER:

CURNER RESET & TIES UPDATED PER H.M.A. RESURF. PROJECT LFM-503--7X-07. PRIOR
RESURF. PROJECT, FOUND #5 (5/8") REBAR PER CURRENT RECORD AND TEMP. REF.
COR. LOCATION PER RTK GPS. CORNER ALSO PREV. RECORDED PER CORNER CERT. IN MI
BK. 299 P. 599 OF CO. RECORDER RECORDS. AFTER 1.5" DEEP MILL AND REFILL W/
INTERMED. COURSE H.M.A., OBSERVED 5/8"x±5"L, REBAR @ RD. SURFACE BENT TO EAST. CORNER ALSO PREV. RECORDED PER CORNER CERT. IN MISC.
DER RECORDS. AFTER 1.5" DEEP MILL AND REFILL W/ REMOVED STUB REBAR WITH NO SOUNDING REMAINING @ LOCATION. AFTER ADDITIONAL H.M.A. SURFACE COURSE, RESET CORNER WITH 5/8" (#5)x±7" L. REBAR LOCATED @ 0.6' SOUTH OF C.L. H.M.A. JOINT AT ± CENTERLINE WITH FORD RD. TO N/S. AFTER ADDITIONAL

PLAN VIEW

"NOT TO SCALE"

BHco Hist. Ties: BK. #1003 p. 15 T90-14 FIELD BOOK: Ties per Topcon 7003i #Z0115

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

급

(2636,9/

හ

DX:

ئي

S. Sylco

10-

رم

Ą,

O)

50,0-

Þ

જુટે

હુ

6.)

FORD RD. (GRAVEL)

رحج

Δy,

٥

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

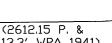
SECTION LINE MEASURE REFERS TO "LOCAL GROUND" DIST. AND INCLUDES ELLIPSDID (COMBINED) SCALE FACTOR FROM S.P.C. GRID INVERSE (AS OBSERVED), PER AVG. SCALE FACTOR = 1.000093804492.

(P.) = per Plat of Survey (RES. #8029)

UTIL. FND. #4 RBR. w/ D.P.C. #16264

1/4 C□R. SECT. 15-T90-R14 (per 2010-00023567)

(90°20' P.)



2613.3' WPA 1941) 1383.30' (M.)

P.I. (#5 Rbr.)

 $\Delta = 21^{\circ}30'18'$ R=1430.721 L=537.00 T=271.70

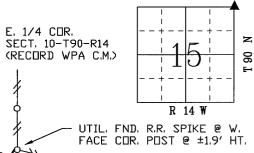
S.P.C., Ia. N. Zone, USft N = 3688307.92

E = 5197103.79

TANGENT

CONVERGENCE = 0° 41' 40"

(NAD83-NSRS2007 "BHco07", RTK OBS.)



UTIL. FND. 160 NAIL @ TOP OF BRACE POST.

179°32'39"(M.)

CEDAR-WAPSI RD. 2635,28' (M.) (H.M.A.)

(vs. 2635,32′ R. & 2635.3' WPA 1941)

> N. 1/4 COR. SECT. 14-T90-R14 (per Updated Cert.)

(<u>R,)</u> = per Plat of Survey File 2012-0020786.

UTIL. FND. "X" NAILS @ W. FACE CUTOFF UTILITY POLE @ ±1.8' HT.

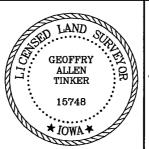
(RES. #7942)

FIELD SURVEY: 9/11/12 PREPARED BY: 12/5/12 S.S. & G.T.

<u>CERTIFICATION</u>

UTIL. FND. "X" NAILS @ N. FACE CUTOFF UTILITY

POLE @ ±3.6



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.

12/05/2012 New flry Geoffry Allen Tinker (date)

15748 License Number_

My license renewal date is December 31....

Pages or sheets covered by this seal:

This Land Corner Certificate Only.

LIST	CORNERS	TO BE I	<u>NDEXED</u>		
Corner	<u>Section</u>	- Town	<u>ıship</u> –	Range	
N.E. Cor.	15	90	N	14 W	
N.W. Cor.	14	90	N	14 W	
S.E. Cor.	10	90	N	14 W	
S.W. Cor.	11	90	N	14 W	
_	INDEX OF .	<u>ABBREVIAT</u>	ONS		
M) = "Measured	l" Dimension	"NP" = R	eflectorless	EDM Meas	

(M) = "Measured" Dimension (P) = "Platted" Dimension (R) = "Record" Dimension (C) = "Calculated" Dimension (C) = "CALCULATE (C) = "NI" = "CALCULATE (C) = "CM" = Concrete Monument
"SM" = Survey Marker Spike/Tag
"PK" = PK/MAG Nail Brand Style