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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

SLSI 9-94 BHC0 03-09

UNITED STATES PUBLIC LAND SURVEY CORNER CERTIFICATE OF Land Survey Monuments situated in Section____32 __ , Township<u>87 N</u> Range 13 W , of the Fifth Principal Meridian, BLACK HAWK County, Iowa. Previously recorded in Misc. 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. 1/4 CDR; FOUND STEEL PIN IN LEAD PLUG, LOC. WITHIN PCC. PVMT. PRIOR TO RESURFACING PROJECT. TEMP. REFERENCED CORNER TO TEMP. CONSTRUCTION TIES AND PERM. TIES (AS SHOWN) PRIOR TO P.C.C. RUBBLIZATION. RESURFACING 22' WIDE HMA PVMT. @ 7" DEEP. CORNER RESET WITH +7" > 5/8" PERAP FLUSH WITH HMA PAYEMENT. AND LOCATED +0.50' MEDITIORS. ±7"L. x 5/8" REBAR FLUSH WITH H.M.A. PAVEMENT, AND LOCATED ±0.50' NORTH OF C.L H.M.A. PAVING JOINT.

BHco Hist. Ties: BK #1000 (32) 87-13 NOTE: ALL DISTANCES PLUMB/HORIZ. PLAN VIEW (H.D.), "UNLESS DENOTED". FIELD BOOK: BHco. #488 p.16 (Show a minimum of three reference ties to durable physical objects, relevant monuments and physical conditions that will enable recovery of the corner.) TIES PER EDM MEASURE IN NDN-PRISM MODE, WHILE UTILIZING "INDIRECT" MEASURE. 1.) 87 UTIL. FND. "X" NAILS @ S. FACE COR. POST R 13 W 50,34 HTIL. FND. "X" NAILS @ S.W. FACE P.P 0.501 <u>T</u>AMA RD. Ŋ (H.M.A.) σ Ŏ ᢐ 60,11 (F.F.) SET PK W/ STL. WASHER @ W. FACE COR. POST S.P.C., Ia. N. Zone, USft

<u>CERTIFICATION</u>



(NAD83-2007 "BHco07", RTK Obs.)

N=3578682.80'

E=5222312.88'

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.

UTIL. "X" NAILS @ W. FACE

BRACE POST

04/22/09

15748 License Number

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

<u>Corner</u>	<u>Section</u> -	<u>Township</u> –	<u>Range</u>
N. 1/4 Cor.	32	87 N	13 W
<u>Corner</u> N. 1/4 Cor. S. 1/4. Cor.	29	87 N	13 W

G.T. & J.Z.

G.T. & J.Z.

INDEX OF ABBREVIATIONS

FIELD SURVEY:

PREPARED BY:

"NP" = Reflectorless EDM Meas.
"MLM" = Indirect Measure
"CM" = Concrete Monument
"SM" = Survey Marker Spike/Tag

07/29/08

4/1/09

(M) = "Measured D....
(P) = "Platted" Dimension
(R) = "Record" Dimension "UM"
(C) = "Calculated" Dimension "SM" = Surve,
"IGS" = Iowa Geodetic Survey
"ΨΡΑ" = Works Progress Admin. Survey
"Φ" = per George Miller Survey (BHco Surveyor 1858-1860)
"B" = per John Bail Survey (BHco Surveyor 1866-1891)
"N" = per Nathan Barber Survey (BHco Surveyor 1908-1931)