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Black Hawk County Iowa JUDITH A MCCARTHY RECORDER Book 1080 Page 83417 - 83417

File 2010-0006274

PH.# (319) 833-3008 FAX.# (319) 833-3139 BLACK HAWK COUNTY ENGINEERS OFFICE PREPARED BY: SLSI 9-94 CERT 03-09 316 E. FIFTH STREET, ROOM 211 WATERLOO, IOWA 50703 UNITED STATES PUBLIC LAND SURVEY CORNER CERTIFICATE OF Land Survey Monuments situated in Section\_\_\_\_34 \_ , Township<u>89 N</u> 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: S. 1/4 CDR. FOUND  $2\frac{1}{2}$  O IODOT ALUM. CAP IN ACC CORE HOLE, WITH NO CURRENT CERTIFICATE ON RECORD. CLEANED CORE HOLE DOWN ±5" Dp. (AREA RECONSTRUCTED, WITH NO PCC BASE PAVEMENT). NO MAGNETIC SOUNDING OR ADDITIONAL MONUMENTATION FOUND. TEMP. SET 5"L. DURA™ SPIKE THRU EXIST. ACC PVM'T. LOC. 4" Dp. BELOW EXIST. ACC PVM'T. AT FND. IQDOT ALUM. CAP LOCATION, AND TEMP. REF. W/RTK GPS (TWO LINE W/WT. AVG.), THEN MILLED 2" EXIST. ACC PAVEMENT & ADDED 5" H.M.A./A.C.C. OVERLAY. CORNER RESET WITH #5 (5/8") x ±7" L. REBAR PER RTK GPS REF., AND RETIED. LAND CORNER IS LOC. ± ON NEW C.L. PAVING JOINT. IQUOT 1955 PAVING PLAN DO NOT DETAIL CORNER, EXCEPT FOR FENCE TO NORTH AS 1/4 SECTION LINE, WHILE EXISTING CO. TIES REFER TO PREV. "WOOD BRIDGE" AT LOCATION. BHco Hist. Ties: <u>BK. #1002 p.34 89-11</u> NOTE: ALL DISTANCES PLUMB/HORIZ. PLAN VIEW (H.D.), "UNLESS DENOTED". FIELD BOOK: BHco. #488 p.46 (#1015) "NOT TO SCALE" (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 PRISM AND NON-PRISM MODE, WHILE UTILIZING "INDIRECT" MEASURE. 1.) 83 SECTION LINE MEASURE RELEASE TO "LOCAL GROUND" DIST. AND INCLUDES ELLIPSOIDAL (COMBINED) SCALE FACTOR FROM S.P.C. GRID SCALE FACTOR FROM S.P.C. GRID SCALE FACTOR FROM S.P.C. GRID 2.) UTIL. FND. I.H.C. B.M. PLUG @ C.L. N. HDWL. INVERSE (AS OBSERVED, PER AVG SCALE FACTOR = 1.0000892480663) R 11 W 25.89 IDOT = (IA. D.O.T.) 1955 PAVING PLAN #1049(1) REFERENCE. REBAR @ 3.5' S. OF OUTER EDGE OF BOX EST. MAG NAILW/WASHER S.W. FACE P.P. @ 5.45' HT. FST. MAG NAILW/WASHER S.E. FACE P.P. 94.14. 23.83 @ 6,25' HT. S.E. COR. SECT. 33-T89-R11 Per Update 卫 GAURD RAIL 2620.83 2639.39' (M) (M) (vs. 2621.0' IDOT to FENCE N. ONLY) (vs. 2641.0' IDOT to FENCE N. ONLY) DUBUQUE RD. 576.68′ (M) -D22- (A.C.C.) (vs. 573.65' WPA) -179°37′11\*(M) N. 1/4 COR. 24.58' (SOUTH LINE'S OF 04-T88-R11. 1/4's, SECT. 34) Per Update. 6 占 古 6 Ъ Per Update. SET 5/8" REBAR @ 3.5' N. OF OUTER EDGE OF S.P.C., Ia. N. Zone, USft N=3636699.294' E=5290779.855' FIELD SURVEY: <u>G.T. & J.Z. & D.B.</u> 06/23/09 12'X12' DOUBLE (NAD83-2007 "BHco07", RTK Obs.) R.C.B. PREPARED BY: G.T. & J.Z. & D.B. 9/23/09 LIST CORNERS TO BE INDEXED <u>CERTIFICATION</u> 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. Corner Section -Township -Range S. 1/4 Cor. 89 N 11 W **GEOFFRY** INDEX OF ABBREVIATIONS TINKER "Measured" Dimension
"Platted" Dimension
"Record" Dimension
"Calculated" Dimension "NF" = Reflectorless EDM Meas.
"MLM" = Indirect Measure
"CM" = Concrete Monument
"SM" = Survey Marker Spike/Tag 15748 15748 My license renewal date is December 31, 2010 (C) = Calculated Differential SM = Survey Marker Sp" (ICS" = Iowa Geodetic Survey
"WPA" = Works Progress Admin. Survey
"\p" = per George Miller Survey (BHco Surveyor 1858-1860)
"\b" = per John Ball Survey (BHco Surveyor 1866-1891)
"\b" = per Nathan Barber Survey (BHco Surveyor 1908-1931) \*AWOI \* Pages or sheets covered by this seal: This Land Corner Certificate Only