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Black Hawk County Iowa JUDITH A MCCARTHY RECORDER Book 1080 Page 83420 - 83420

File 2010-0006277

BLACK HAWK COUNTY ENGINEERS OFFICE PH.# (319) 833-3008 FAX.# (319) 833-3139 PREPARED BY: SLSI 9-94 CERT 03-09 WATERLOO, IOWA 50703 316 E. FIFTH STREET, ROOM 211 (319) 833-3139 UNITED STATES PUBLIC LAND SURVEY CORNER CERTIFICATE OF Land Survey Monuments situated in Section__ 05 _ , Township<u>88 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: N.E. COR. FOUND 2½"Ø IQDOT ALUM. CAP IN ACC CORE HOLE, WITH NO CURRENT CERTIFICATE ON RECORD. CLEANED CORE HOLE DOW \$5" Dp. THRU EXIST. ACC OVERLAY TO PCC PAVEMENT, AND FOUND LEAD PLUG IN PCC PAVEMENT. AVG.), AND MILLED 2" EXIST. ACC CLEANED CORE HOLE DOWN DVERLAY & ADDED 5" H.M.A./A.C.C. DVERLAY. CORNER RESET WITH #5 (5/8") x ±7" L REBAR PER RTK GPS REF., AND RETIED. LAND CORNER IS LOC. @ 3.6' NORTH OF SOUT EDGE ACC/HMA (FILLET/M.L. PAVING EDGE) & ALIGNED w/± C.L. S.R. SOUTH. CORNER CALC.'S @ "3.24' SOUTH" OF CALC.'ED TRUE CORNER (CLOSING) ONTO SOUTH LINE OF SECTION 33-T89-R11, AS OBSERVED. SOUTH BHco Hist. Ties:_ ALL DISTANCES PLUMB/HORIZ. PLAN VIEW BK. #1001 p.05 88-11 NOTE: (H.D.), "UNLESS DENOTED". FIELD BOOK: BHco. #488 p.46 (#1012) "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. 1955 PAVING PLANS z 88 SECTION LINE MEASURE REFERS TO "LOCAL GROUND" DIST. AND INCLUDES ELLIPSDIDAL (COMBINED) SCALE FACTOR FROM S.P.C. GRID INVERSE (AS OBSERVED, PER AVG. Sec. 33 2.) Sec.34 HOSLOT R 11 W SCALE FACTOR = 1.0000892480663> IDOT = (IA. D.O.T.) 1955 PAVING PLAN #1049(1) REFERENCE. 3.) EST. MAG NAILW/WASHER S. FACE P.P. @ 50" HT. Borrow d CULTIVATED ũ 179°44'42"(M) 90 (NORTH LINE'S OF 1/4, SECT.'s 5 & C.L. RD. GEDM. DUBUQUE RD. 2635.76' (M) -D22- (A.C.C.) (vs. 2636.6' IDOT) 2636.34 (M)(vs. 2638.2' IDOT) 573.05′ (M) 3,6 (vs. 572.6' WPA) EDGE ACC GPS MON S.E. COR. —/ 33-T89-R11, OXLEY RD. 1/4 C□R. N. 1/4 COR. 04-T88-R11, #94-069 05-T88-R11 Per Update. Per Update. Per Update. SET #5 RBR. @ ±3' W. D STOP SIGN UTIL. FND. ROW RAIL REF. DETAIL S.P.C., Ia. N. Zone, USft R/W RAIL, PER REF. N=3636666.888' DETAIL. F=5287567 871' FIELD SURVEY: <u>G.T. & J.Z. & D.B.</u> 06/23/09 (NAD83-2007 "BHco07", RTK Obs.) PREPARED BY: G.T. & J.Z. & D.B. 9/23/09 LIST CORNERS TO BE INDEXED <u>CERTIFICATION</u> Corner Section -Township -<u>Range</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. N.E. Cor. 05 88 N 11 W N.W. Cor. 04 88 N 11 W GEOFFRY /23/2<u>009</u> ALLEN TINKER : 유

15748

My license renewal date is December 31, 2010

This Land Corner Certificate Only

Pages or sheets covered by this seal:

License Number_

15748

* IOWA *

"Measured" Dimension
"Platted" Dimension
"Record" Dimension
"Calculated" Dimension

INDEX OF ABBREVIATIONS

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