

**U.S. (IA.) PUBLIC LAND SURVEY
CORNER CERTIFICATE** (Ia. 355.11)

B.H. Co. PROJECT: FM-C007(139)--55-07
KIMBALL AVE. (V27) RESURFACING PROJECT (2016)
COLD-IN-PLACE RECYCLING w/ HMA RESURFACING

INDEX OF ABBREVIATIONS

(M) = "Measured" Dimension
(P) = "Platted" Dimension
(R) = "Record" Dimension
(C) = "Calculated" Dimension
(GS) = Iowa Geodetic Survey
(WPA) = Works Progress Admin. Surveys (late 1930's to early 1940's)
(G) = per George Miller Survey (BHco Surveyor 1858-1860)
(B) = per John Ball Survey (BHco Surveyor 1866-1891)
(N) = per Nathan Barber Survey (BHco Surveyor 1908-1931)
"NP" = Reflectorless EDM Meas
"MLM" = Indirect Measure
"CM" = Concrete Monument
"SM" = Survey Marker Spike/Tag
"PK" = PK/MAG Nail Brand Style



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Fee Amt: \$0.00 Page 1 of 1
Black Hawk County Iowa
SANDIE L. SMITH RECORDER

File **2017-00009748**

Land Survey Monument(s) situated in Section 33, Township 88 N., Range 13 W., of the Fifth Principal Meridian (5th P.M.), BLACK HAWK County, Iowa.

Previously recorded in MISC. Book 302, Page 513, 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.E. COR.

CORNER RESET & TIES UPDATED PER COLD-IN-PLACE RECYCLING & H.M.A. RESURF. PROJECT FM-C007(139)--55-07. PRIOR TO RESURF. PROJECT, FOUND 3/4" I.B. @ 0.4' W. OF W. EDGE OF ACC. PER CURRENT COR. CERT. & TEMP. REF. CORNER LOC. PER RTK GPS. AFTER 3' DP. MILL (RECYCLE) AND +1' LANE WIDENING, NO SOUNDING REMAINED @ ±RTK REFERENCE LOCATION w/ NO FURTHER EXCAVATION. P.V.M.T. RESURFACED w/ +3" (1.5" INT. & 1.5" SURF.) H.M.A. PAVING. AFTER H.M.A. RESURFACE, RESET CORNER WITH 6"L. MAG SPIKE w/ MTL. WASHER (PLS #15748) @ ±0.50' EAST OF WEST EDGE OF H.M.A. PAVEMENT, & LOCATED ±2.3' SOUTH OF N.E. COR. SEC. 4-T87-R13 WHICH IS PHYSICALLY ALIGNED (±) w/ BOUNDARY MARKERS (PROPERTY LINE) TO EAST.

Software: TopSurv v.8.2.3 w/FC-2500

Project Point ID: 1005

PLAN VIEW

"NOT TO SCALE"

BHco Hist. Ties: BK. #1000 p.4 87-13

FIELD BOOK: (n/a), per Draft Cert. (S.S.)

(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 200' NYCLADE TAPE MEASURE, WITH ALL DISTANCES PLUMB/HORIZ. (HD), UNLESS DENOTED.

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 = 1.000081867620x

