PHC Fnainter

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

B.H. Co. PROJECT: STP-S-C007(144)--5E-07

W. 27TH STREET RESURFACING PROJECT (2017)

COLD IN-PLACE RECYCLING w/H.M.A. RESURFACING

INDEX OF ABBREVIATIONS

(P) (R)

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

Doc ID: 009371360001 Type: GEN Recorded: 08/31/2018 at 10:14:42 AM Fee Amt: \$0.00 Page 1 of 1 Black Hawk County Iowa SANDIE L. SMITH RECORDER

File 2019-0003587

Land Survey Monument(s) situated in Section 19, Township 89 N., Range 14 W., of the Fifth Principal Meridian (5th P.M.), BLACK HAWK County, Iowa. Previously recorded in MISC. Books 315/325, Pages 369/470, 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.W. CORNER:

CORNER ORIG. REF. AS "IRON" PIN IN MARCH, 1995, AND THEN UPDATED TO "RESET #5 (5/8") REBAR" (AS FOUND) PER PREV. PROJ. COR. CERT. (1997). CORNER RESET & TIES UPDATED P CORNER RESET & TIES UPDATED PER COLD-IN-PLACE RECYCLING & H.M.A. RESURF. PROJECT # STP-S-C007(144)--5E-07. PRIOR TO RESURF. PROJECT, FND. 5/8" REBAR @ ±C.L. OF W. 27TH ST. INTERSECTION W/BUTLER RD. PER CURRENT COR. CERT. & TEMP. REF. LOC. PER RTK GPS (IQRTN). COR. LOC. IN TAPERED MILL & FILL CROSS-SECTION OF TYP. 3" DEEP SCARIFICATION W/3" (1.5" INT. & 1.5" SURF.) H.M.A. RESURF./PAVING. AFTER H.M.A. RESURF., RESET COR. W/6" L. MAG SPK. W/MTL. P.L.S.# WASHER <u>±C.L. JOINT OF W. 27TH ST. & ±C.L. OF BUTLER RD (N/S). PRIOR COR. CERT. (1997) PER MISC.</u> BK. 325 p.470 TIES TO POWER POLES HAVE BEEN REPLACED WITH NEW UTILITY POLES IN AREA.

Software: TopSurv v.8.2.3 w/FC-2500

Proj. Dept.#: 615 Point ID: #2700

PLAN VIEW

BHco Eng. Ties: per prev. Cor. Cert. (1997)

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

ept.#: 615 Point ID: #2700 "NOT TO SCALE" FIELD BOOK: (n/a), per Draft Cer (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 BOTH PRISM "AND" NON-PRISM MODE, WHILE UTILIZING "INDIRECT" (MLM) MEASURE, WITH ALL DISTANCES PLUMB/HORIZ. (HD), UNLESS DENOTED.

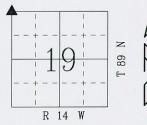
SECTION LINE MEASURE REFERS 23 TO "LOCAL GROUND" DIST. AND INCLUDES ELLIPSOIDAL (COMBINED) SCALE FACTOR FROM S.P.C. GRID INVERSE (AS OBSERVED), PER AVG. SCALE FACTOR = 1.000092196775 FND. UTIL. BNDRY. MARKER w/RBR & R.P.C. #12088

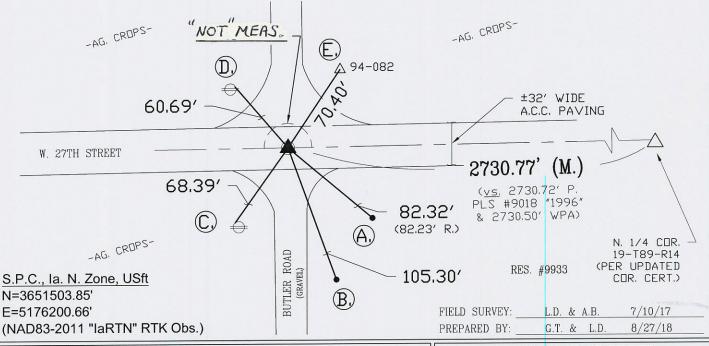






UTIL, G.P.S. NETWORK MON. #82 PER NAD83-2011 INVERSE (GRND.)





<u>CERTIFICATION</u>

GEOFFRY ALLEN TINKER 15748 * IOWA *

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 lowa.

Months of Tinks

Geoffry Allen Tinker (date)

08/31/2018

15748 License Number

My license renewal date is December 31, 2018

Pages or sheets covered by this seal:

This Land Corner Certificate Only

LIST	CORNERS TO	O BE INDEXED	
Corner	Section -	Township -	Range
NW Cor.	19	89 N	14 W
SW Cor.	18	89 N	14 W



PREPARED BY: BLACK HAWK COUNTY ENGINEER'S DEPT. 316 E. FIFTH ST., RM, 211 WATERLOO, IA. 50703 PH. 319-833-3008 FAX. 319-833-3139 surveyor@co.black-hawk.ia.us