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

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

W. 27TH STREET RESURFACING PROJECT (2017)

COLD IN-PLACE RECYCLING w/HMA. RESURFACING

"Measured" INDEX OF ABBREVIATIONS
Dimension "NP" = Rel

Doc ID: 009371420001 Type: GEN Recorded: 08/31/2018 at 10:18:58 AM Fee Amt: \$0.00 Page 1 of 1 Black Hawk County Iowa SANDIE L. SMITH RECORDER

File 2019-00003593

Survey Monument(s) situated in Section 21, Township 89 N., Range 14 W., of the Fifth Principal Meridian (5th P.M.), <u>BLACK HAWK</u> County, Iowa. Previously recorded in MISC. Book <u>332</u>, Page <u>488</u>, 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 CORNER:

COR. RESET & TIES UPDATED PER COLD-IN-PLACE RECYCLING & H.M.A. RESURF. PROJECT

STP-S-COPT (144)--5E-07. PRIOR TO RESURF. PROJECT, FND. 5/8" REBAR C.L. OF W. 27TH ST. RECOVERED 2 REF. TIES PER CURRENT COR. CERT. AFTER COLD-IN-PLACE RECYCLING & H.M.A. RESURF., RESET COR. W/6" L. MAG SPK. W/P.L.S. WASHER ±2"N. OF C.L. JOINT OF W. 27TH ST. ALIGNED W/OCCUP. LINE TO S. PRIOR COR. CERT. (1997) PER MISC. BK. 332 p.488 TIES TO RECYCLING & H.M.A. POWER POLE & N. FENCE POSTS HAVE BEEN REPLACED WITH NEW UTILITY POLE IN AREA.

Software: TopSurv v.8.2.3 w/FC-2500 Project Point ID: #2760

PLAN VIEW

BHco Hist. Ties: Misc. BK. 332, P. 488

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

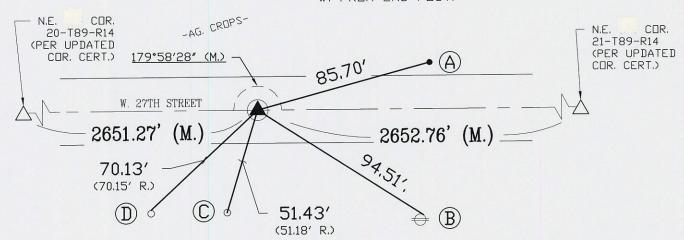
R

R 14

89

(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.
- 2.) SECTION LINE MEASURE REFERS 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 = 1.00092196775
- SET 30" L. RBR w/ALUM. BHCO CAP 6' N. DF EDGE (A.)OF H.M.A. PAVING.
- SET PK NAIL W/WASHER N.E. FACE OF P.P. @ 5' HT.
- FND. SPK. ON TOP OF 2ND BRACE POST W. FROM END POST.
- FND. NAIL w/WASHER #8033 ON N. FACE OF 5TH POST (D.) W. FROM END POST.



S.P.C., Ia. N. Zone, USft

N=3651620.13'

E=5189546.41'

(NAD83-2011 "IaRTN" RTK Obs.)

-AG. CROPS-

FIELD SURVEY: _

L.D. & A.B. 7/12/17

Township

89 N

89 N

Range

14 W

14 W

PREPARED BY: G.T. & L.D.

Section -

21

16

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 lowa.

Well flay (Link | 08/3i/20

131/2018 Geoffry Allen Tinker

15748 License Number

My license renewal date is December 31,_

Pages or sheets covered by this seal

This Land Corner Certificate Only

GOUNTY

Corner

N. 1/4 Cor.

S. 1/4 Cor.

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