FEE BOOK # 2005 07114 BLACK HAWK COUNTY, IOWA:ss FILED FOR RECORD SEP 16 2004 AT 2:00 PM. FEE N/C BLACK HAWK COUNTY RECORDER

ENGINEER'S OFFICE

PH.# (319) 833-3008 FAX.# (319) 833-3139 BLACK HAWK COUNTY ENGINEERS OFFICE PREPARED BY: SLSI 9-94 CERT 12-96 WATERLOO, IOWA 50703 316 E. FIFTH STREET, ROOM 211

UNITED STATES PUBLIC LAND SURVEY CORNER CERTIFICATE OF Land Survey Monuments situated in Section\_\_\_\_\_5 , Township\_\_89 N\_\_\_, Range 14 W , of the Fifth Principal Meridian, BLACK HAWK County, Iowa. Previously recorded in Misc. Book  $\overline{N/A}$ , Page  $\overline{N/A}$ , in County Recorder's Office.

(Show reason for preparing this certificate, the evidence and detailed procedures used in establishing the corner positions and monumentation found or placed.)

Monument Description and Remarks: N.E. CORNER SECT. 05-89-14 FOUND 1" GAS PIPE LOC. 5" DEEP @ +/- CENTERLINE ROAD AND ALIGNED w/ OLD COR. POST SOUTH. CORNER RECOVERED FOR R.O.W. ACQUISITION WEST FOR BR. REPLACEMENT PROJECT

## PLAN - VIEW

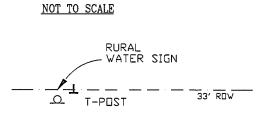
(Show a minimum of three reference ties to durable physical objects, relevant monuments and physical conditions that will enable recovery of the corner.)

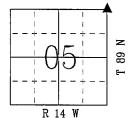
ALL DISTANCES PLUMB (H.D.)

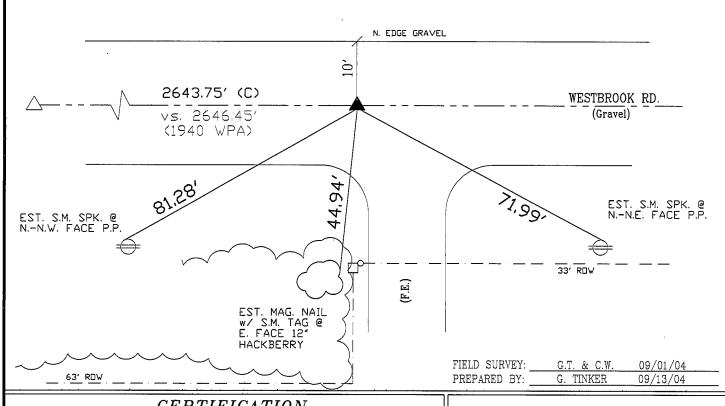
S.M. = DENOTES "SURVEY MARKER"

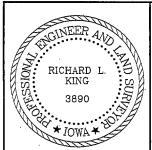
GEOMETRIC DEFLECTION AT CORNER PER RTK GPS MEASURE, APRIL 2004

"C" DENOTES CALC. ED H.D. FROM SPC









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.

My license renewal date is December 31, 2005 Pages or sheets covered by this seal:

This Land Corner Certificate Only

## LIST CORNERS TO BE INDEXED

<u>Corner</u>	Section	- <u>Township</u>	- <u>Range</u>
N.E. COR.	5	89 N	14 W
N.W. COR.	4	89 N	14 W
S.E. COR.	32	89 N	14 W
S.W. COR.	33	89 N	14 W