SECTION CORNER RECORD

SW 100-000

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):
Corner 1: North: 1740288.14 East: 3124864.58 (U.S. survey feet)
Corner 2: North: 1740489.40 East: 3124863.85 (U.S. survey feet)

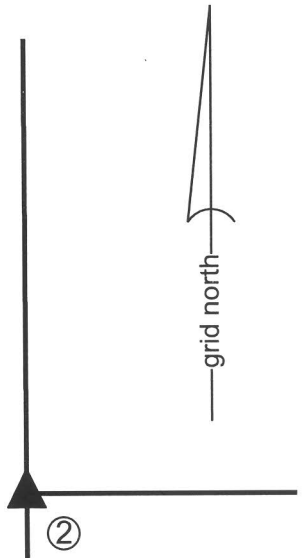
Type of monument:
Corner 1: Harrison, 4" disk 'Section Corner' (3 inches above adjacent ground)
Corner 2: 36" length, 5/8 inch rebar with metal cap stamped 'Boone County Surveyor' (flush)

Indiana tie card references:
IN02_T18NR1W01_80 IN02_T18NR1E06_72
IN02_T18NR1W12_08 IN02_T18NR1W07_00

CORNER WITNESS DETAIL

SCALE 1" = 50' 0' 25' 50'

The corners fall in an area of tilled ground where no reliable witness marks are available.

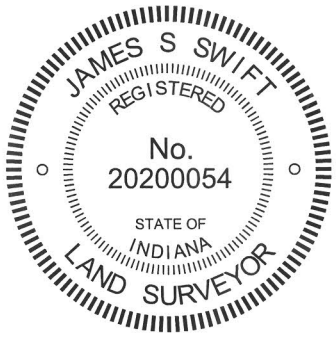


① S.E. Corner, Section 1
N.E. Corner, Section 12
T 18 N, R 1 W

② S.W. Corner, Section 6
N.W. Corner, Section 7
T 18 N, R 1 E

Distance between monuments: 201.26'
Record closing = 304 links (200.64')

The harrison monument at corner 1 was set in place of a rebar bearing a plastic cap stamped "Weihe Engr 0012." The rebar at corner 2 was set on the range line at a distance of 201.26 feet north of corner 1, which position is also at the east edge of the former position of an old wood corner post.
A survey by Woolpert recorded in Survey Book 2, pages 12-13, in the Boone County Recorder's Office shows corner 2 as being monumented by a stone and shows no monument found at corner 1. The survey states that the distance between the two corners was computed based on an index factor of 1.0031 used to adjust the original closing distance of 304 links (200.64 feet). In the spring of 2012 the capped rebar was found ostensibly marking corner 1 and various evidence was found in the vicinity of corner 2, including the base of an old wood corner post and several rocks. None of the rocks were positively identifiable as a section corner stone. It was not clear which stone may have been held for the Woolpert survey and it appeared that some disturbance may have taken place since that survey was performed in 1995. It was observed that by holding the rebar as corner 1 and placing corner 2 on the range line (defined by corner 1 and the standard corner 1/2 mile north) at the indexed distance of 201.26 feet reported on the Woolpert survey, corner 2 would fall at the east edge of the found remains of the old corner post. These positions both fit well with the Woolpert survey relative to other corners shown on that survey.
In the fall of 2012 the fence line and tree line marking the lines to the north and east of corner 2 were removed by the current farmer for agricultural purposes. The various rocks and post at or near corner 2 were removed and a steel post was set in the position of the old wood corner post. After this work was completed, the two corners were monumented by Boone County Surveyor's Office. At corner 1 the rebar was removed and replaced with a harrison monument in the same position. At corner 2 a 36 inch length of 5/8 inch diameter rebar was set and capped with a metal cap stamped 'Boone County Surveyor.' This monument is 0.7 foot east of the steel post which was set in the position of the old wood corner post.



Kenneth E. Hedge, County Surveyor

James S. Swift, IN LS 20200054
April 9, 2013

Center Township

Section 1 T18N, R1W	Section 6 T18N, R1E
Section 12 T18N, R1W	Section 7 T18N, R1E

SECTION CORNER RECORD

SW 100-100

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (NSRS 2007):
North: 1740184.01 East: 3119513.14 (U.S. survey feet)

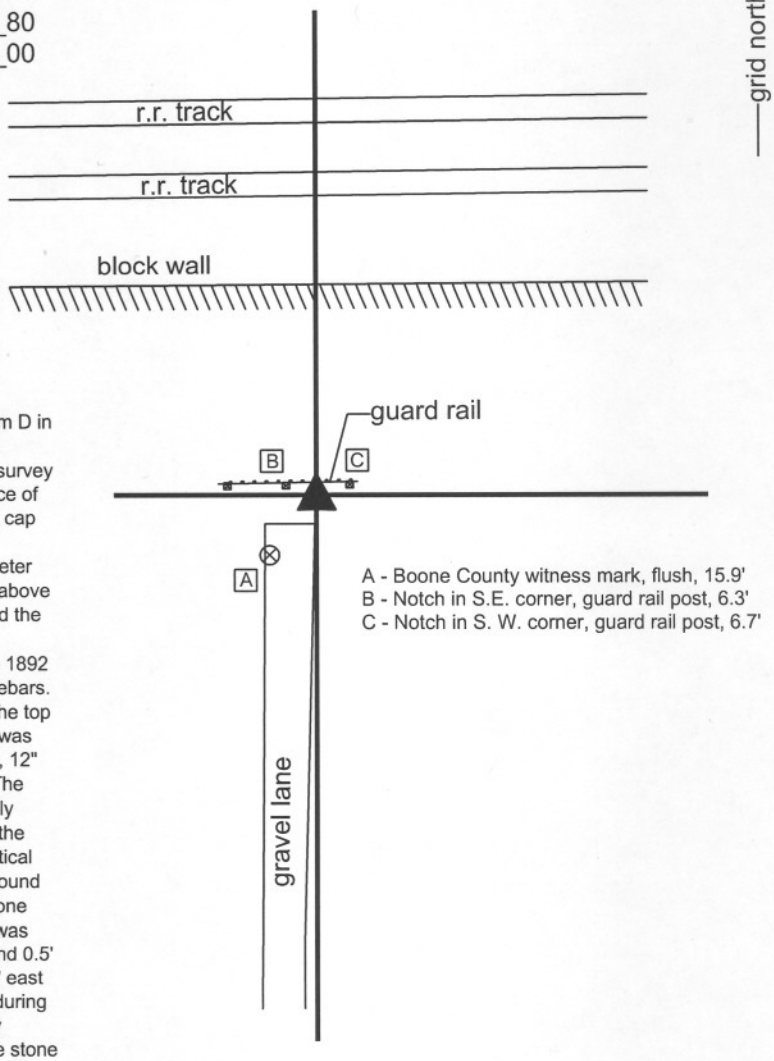
Type of monument: Harrison, 4" disk 'Section Corner'
Depth: One inch above adjacent ground

Indiana tie card references:
IN02_T18NR1W01_72 IN02_T18NR1W02_80
IN02_T18NR1W11_08 IN02_T18NR1W12_00

CORNER WITNESS DETAIL

SCALE 1" = 40'

0' 20' 40'



A - Boone County witness mark, flush, 15.9'
B - Notch in S.E. corner, guard rail post, 6.3'
C - Notch in S. W. corner, guard rail post, 6.7'

A BCS record dated January 18, 1892 states "Reestablished by running intersecting lines at a pt 25 liks East of a straight line from D in this Section to D in Section 11. Set Rock + 22.17.12 at corner." Preliminary surveys for the Lebanon Business Park, including a survey by Woolpert, Inc. recorded in Survey Book 2, page 14 in the Office of the Boone County Recorder, show the corner as an iron pin with cap found.

Investigation and excavation of this corner yielded two 5/8" diameter rebars and the record stone found. The two rebars were visible above the surface prior to excavation. One bore the cap "Woolpert" and the other bore a cap, the markings on which were not identifiable.

Excavation on August 4, 2010 yielded the stone described in the 1892 record found adjacent to and slightly south and west of the two rebars. The stone was found at 9 inches below the top of the ground. The top of the stone appears to have been chipped off and the "+" mark was not found. The stone measures 21" tall on the vertical west side, 12" E-W at the widest point and 19 inches N-S at the widest point. The stone is approximately triangular in shape and difficult to precisely measure. Given the similarity of the measured dimensions with the record dimensions and the characteristics of the stone being vertical with a distinct high point, fitting with the characteristcs of other found stones which were set by County Surveyors in the 1800s, the stone was accepted as being the record stone described in 1892 and was held as marking the corner. The Woolpert rebar was 0.2' east and 0.5' north of the top high point of the stone. The other rebar was 0.2' east and 0.2' north of the top high point. Both rebars were removed during excavation. The harrison monument was set in concrete directly above the top high point of the stone, with the top 5 inches of the stone encased in concrete.

This corner was originally established as a wood post in 1820.

JAMES S SWIFT
REGISTERED
No.
20200054
STATE OF
INDIANA
LAND SURVEYOR

Kenneth E. Hedge, County Surveyor

James S. Swift, IN LS 20200054
September 22, 2011

Center Township

Section 2 T18N, R1W	Section 1 T18N, R1W
Section 11 T18N, R1W	Section 12 T18N, R1W

BOONE COUNTY SURVEYOR'S OFFICE

SW 100-100

PHOTOGRAPHIC DOCUMENTATION
Date of photography: August 4, 2010

The stone and two rebars. View from the east.

The stone and two rebars. View from the south.

For details and documentation, refer to
related sheet "Section Corner Record."