

# SECTION CORNER RECORD

SE 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

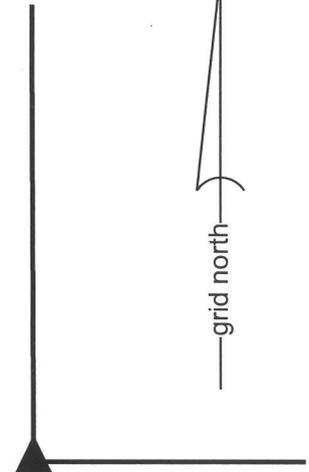
SCALE 1" = 50'



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

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.



②

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

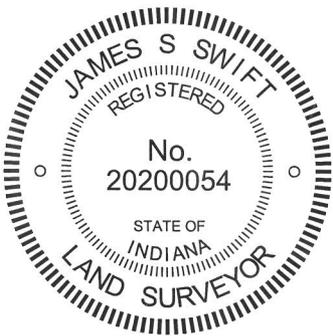
② S.W. Corner, Section 6  
N.W. Corner, Section 7  
T 18 N, R 1 E

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

①

Center Township

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



*Kenneth E. Hedge*  
Kenneth E. Hedge, County Surveyor

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

# SECTION CORNER RECORD

SE 100-050

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):

North: 1740492.65 East: 3127210.53 (U.S. survey feet)

Type of monument: Harrison, 4" disk 'Section Corner'

Depth: four inches above adjacent tilled ground.

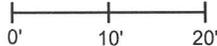
Indiana tie card references:

IN02\_T18NR1E06\_76

IN02\_T18NR1E07\_04

### CORNER WITNESS DETAIL

SCALE 1" = 20'



The harrison monument falls within an area of tilled ground. The only available reference mark is a brick catch basin, as shown below.

○ Brick catch basin  
11.2' NNE of the harrison monument

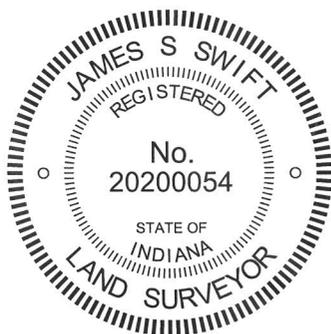


The harrison monument was set in place of a stone found.

A BCS record of November 8, 1912 states Re-est. from stump of S. Ash, three rocks, one 5,4,2 one 9,7,5 top one 10,9,7 +."

In the spring of 2012 a wood corner post was found with fence to the north and south along with evidence of fence cut off to the east and west. In the fall of 2012 the north-south fence line was removed for agricultural purposes by the current farmer. The portion of the corner post which had been above ground was removed and the post was broken off below ground level. After this occurred, the base of the post was found using the coordinates determined when the top of the post was still present and visible. On December 6, 2012 excavation revealed all three of the stones described in the 1912 record at the northwest edge of the remains of the base of the post. The top rock was askew, but the lower two rocks appeared to be undisturbed. The rocks were removed and a harrison monument was set in place of the lower two rocks. The monument was witnessed with a steel post and an orange fiberglass lathe. While the monument is amidst tilled field, it appears to be close enough to an existing brick catch basin to be out of the way of farming practices.

This corner was originally set as a wood post in June, 1820.



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Kenneth E. Hedge, County Surveyor

*James S. Swift*  
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April 3, 2013

Center Twp.

Section 6  
T18N, R1E

Section 7  
T18N, R1E

PHOTOGRAPHIC DOCUMENTATION

Date of photography: April 13, Dec. 6, Dec. 13, 2012

The old corner post as found in April 2012.



The base of the corner post as found and uncovered in December 2012.



The post and the three stones described in the 1912 record, removed from the ground.



The section of plastic storm pipe set in the hole from which the three stones were excavated.



The harrison monument set within the concrete filled piece of storm pipe, View from the N.E.



View from the NNW, looking across the brick catch basin (covered with boards) and towards the harrison monument and witness lathe.



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

# SECTION CORNER RECORD

SE 150-100

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (NSRS 2007):

North: 1737853.10 East: 3129879.78 (U.S. survey feet)

Type of monument: Harrison, 4" disk 'Section Corner'

Depth: One inch below adjacent road surface

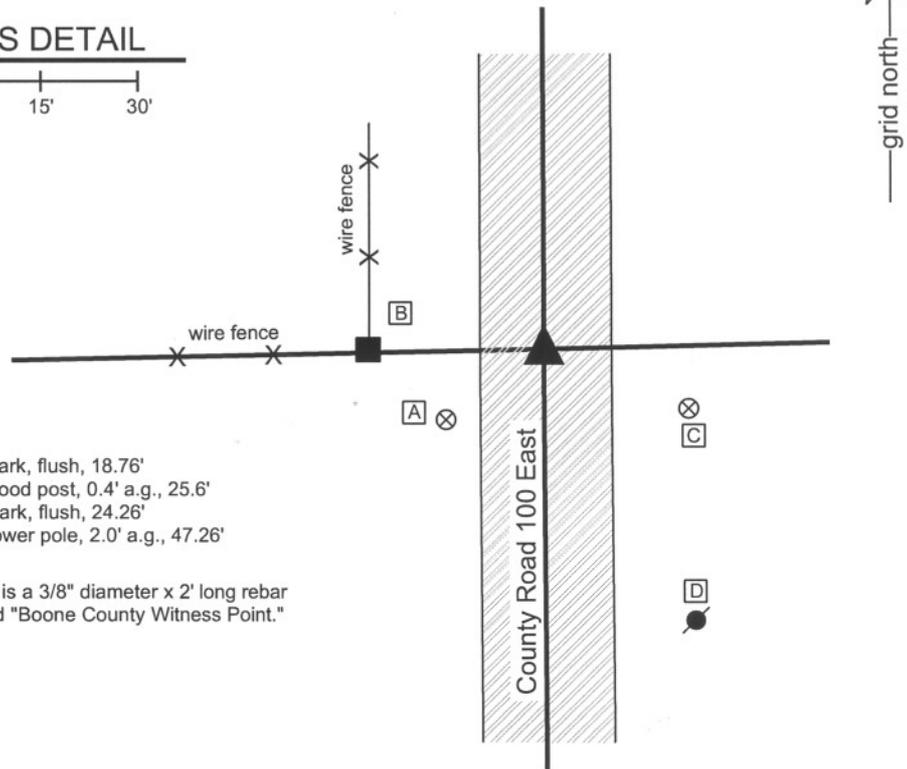
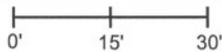
Indiana tie card references:

IN02\_T18NR1E07\_44

IN02\_T18NR1E08\_36

### CORNER WITNESS DETAIL

SCALE 1" = 30'



- A - Boone County witness mark, flush, 18.76'
- B - Mag nail set in E. side, wood post, 0.4' a.g., 25.6'
- C - Boone County witness mark, flush, 24.26'
- D - Mag nail set in N. side power pole, 2.0' a.g., 47.26'

Boone County witness mark is a 3/8" diameter x 2' long rebar bearing a metal cap stamped "Boone County Witness Point."

The harrison monument was set over a stone found.

A BCS record of June 13, 20, 21, 1881 states "Set Rock 12,10,10 marked +." A BCS tie card dated April 29, 1992 shows the corner as a railroad spike found. This corner was excavated on July 21, 2009. Prior to excavation a railroad spike was found 6 inches below grade, matching references on the 1992 tie card. Excavation revealed a stone found at 15 inches deep. This stone was of a soft material and was found to be entirely within the gravel portion of the road bed and generally unstable. The stone was removed. The record stone was found directly below at 18 inches deep. With 8 inches of the stone exposed, it measured 10 inches N-S by 10 inches E-W. The stone is fully embedded in the clay layer below the road bed and a vague etched "+" is visible on the top towards the south edge of the stone. The harrison monument was set directly over the etched "+". The railroad spike, removed during excavation, was 0.4 foot north and 0.4 foot west of this point.

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



*Kenneth E. Hedge*  
 Kenneth E. Hedge, County Surveyor

*James S. Swift*  
 James S. Swift, IN LS 20200054  
 July 14, 2010

Center Township

Section 7 T18N, R1E	Section 8 T18N, R1E
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PHOTOGRAPHIC DOCUMENTATION

Date of photography: July 21, 2009

The top stone, found in the fill material.



The lower stone, described in the 1881 record.  
View from above and west.



The lower stone. View from the above and north.



The lower stone, washed. The etched mark is visible as a dark area on the top of the rock.



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

# SECTION CORNER RECORD

## BOONE COUNTY SURVEYOR'S OFFICE

SE 200-100

State Plane grid coordinates NAD83 (NSRS 2007):  
 North: 1735188.75 East: 3129897.92 (U.S. survey feet)

Type of monument: Harrison, 4" disk 'Section Corner'  
 Depth: One inch below adjacent road surface

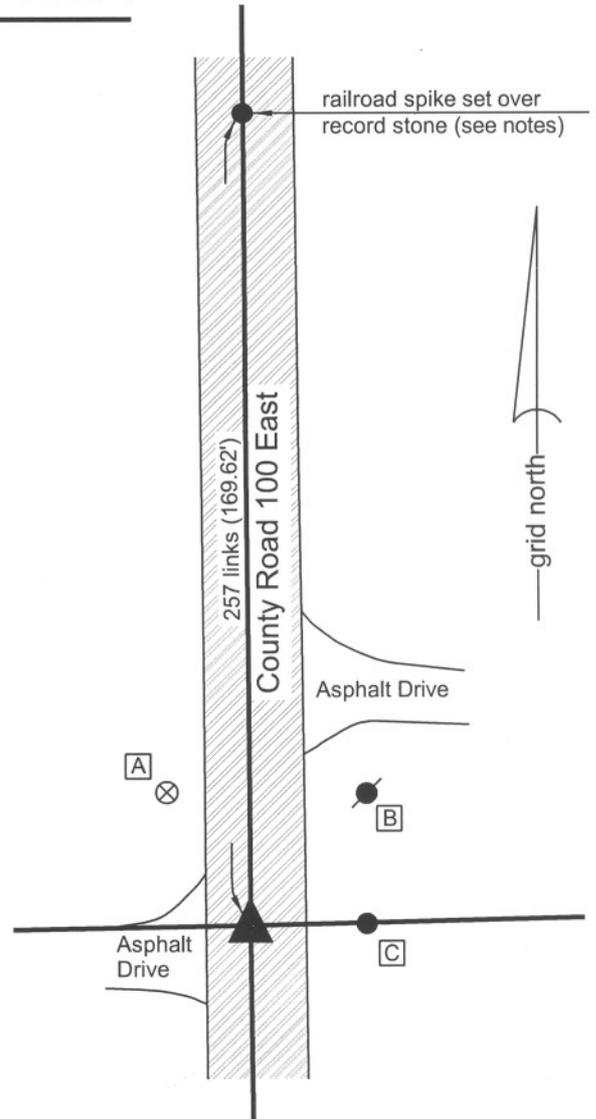
Indiana tie card references:  
 IN02\_T18NR1E07\_80 IN02\_T18NR1E08\_72  
 IN02\_T18NR1E17\_00 IN02\_T18NR1E18\_08

### CORNER WITNESS DETAIL

SCALE 1" = 40'

- A - Boone County witness mark, flush, 32.64'
- B - Mag nail set in S. side power pole, 2.0' a.g., 35.0'
- C - 5/8" capped rebar found (Carter), flush, 23.96'

Boone County witness mark is a 3/8" diameter x 2' long rebar bearing a metal cap stamped "Boone County Witness Point."



The harrison monument was set in a position calculated upon the relative positions of two stones to the north. This corner is not specifically described in the BCS "Surveyor's Record." However, sufficient information exists in the record to reconstruct the position of the corner relative to two stones found. A BCS record of February 12 mentions an intermediate corner (corner 4 of section 8) north of the subject corner. This corner is also referenced as a terminal point for measurements in a BCS record of March 13, 1871. A BCS record of June 13, 20, 21, 1881 describes the stone set at the quarter corner one-half mile to the north (corner H of section 8.) and records measurements from said corner (H) to the aforementioned intermediate corner (4) and to the subject corner (corner G of section 8.) It also records a measurement from the intermediate corner (4) to the subject corner (G). The record stone at corner H was found and a stone was found at corner 4. No stone was found at the subject corner (G). The distance between corners H and 4 match the distance recorded in 1881 of 37.80 chains to within one tenth of a foot. The position of the subject corner was established at the prolongation of the line between the stones at corners H and 4 at the record distance of 2.57 chains (169.62 feet) from corner 4. Excavation at this position revealed no further evidence. The harrison monument was set at the calculated position for the corner. This corner was originally established as a wood post in July, 1821.



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 July 14, 2010

Center Township

Section 7 T18N, R1E	Section 8 T18N, R1E
Section 18 T18N, R1E	Section 17 T18N, R1E