

# SECTION CORNER RECORD

SW 000-300

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1745549.76 East: 3108954.57 (U.S. survey feet)

North: 1745549.47 East: 3108878.67 (U.S. survey feet)

Type and depth of monument

Corner 1: Harrison 4" disk 'Section Corner', flush with adjacent ground

Corner 2: 5/8" rebar with metal cap 'Boone County Surveyor' 14 inches deep

Indiana tie card references:

IN02\_T19NR1W33\_80 IN02\_T19NR1W34\_72

IN02\_T18NR1W04\_08 IN02\_T18NR1W03\_00

### CORNER WITNESS DETAIL

SCALE 1" = 50'

A - Boone County witness mark, flush, 93.0' to Corner 1, 118.4' to Corner 2

B - Mag nail set in W. side power pole, 1' a.g., 13.1' to Corner 1, 89.0' to Corner 2

C - East edge plastic underground cable marker, flush, 13.0' to Corner 1, 62.9' to Corner 2

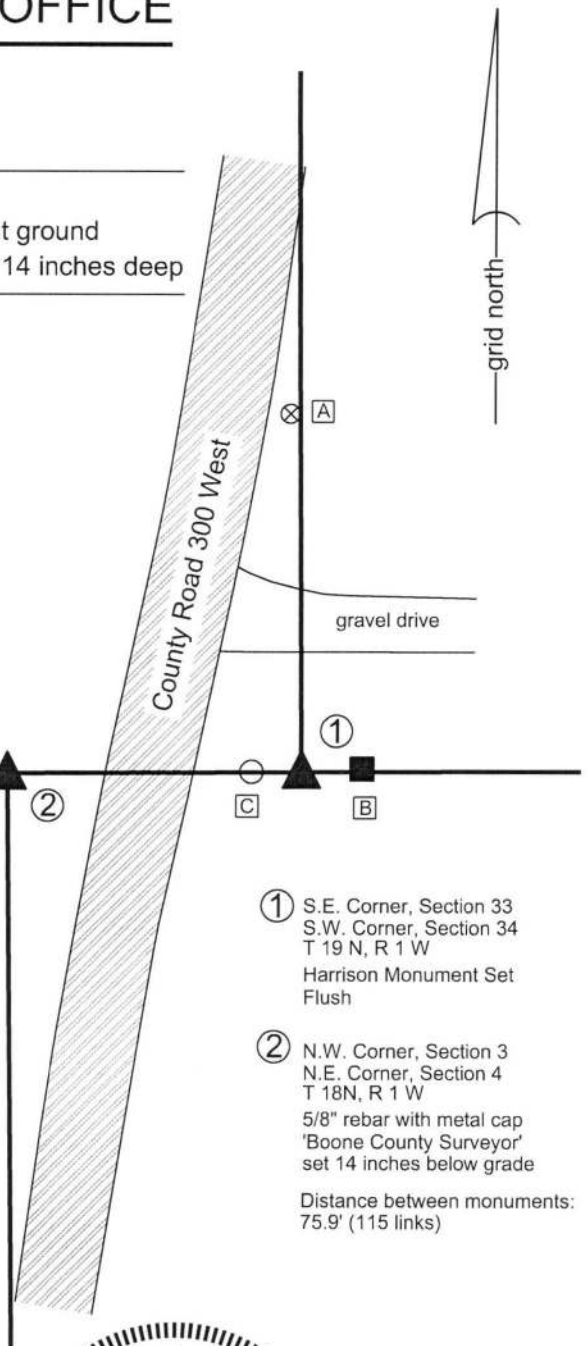
Boone County witness mark is a 3/8" diameter x 2' long rebar bearing a metal cap stamped "Boone County Witness Point."

The Harrison monument at Corner 1 was set over a vertical section of railroad rail found. This corner was monumented in 2016 and shown on a record of March 23, 2017. The position of Corner 2 was established at 115 links (75.9 feet) from Corner 1 along a line between the southeast and southwest corners of section 33. (See BCS Corner NW 000-400 as well as NW 000-350).

A BCS record of March 17, 1894 states, with respect to Corner 1, "Reestablished. Set Rock + 14.14.5 + at corner. Set Rock + 3.9.7 underneath. Brick bat + underneath. Old ax under all. All packed with brick bats, small rocks, an old ax and pieces of iron & crockery." No specific descriptions of Corner 2 were found in the entries of the BCS Surveyor's Record. A BCS tie card dated September 30 and October 4, 1971 shows Corner 1 as "Stone Found - 9/30/71- RRR Put in" and shows Corner 2 as "No Stone - RRR put in - 10/4/71." This tie card shows the corners 66.7 feet apart, 9.2 feet less than the original record offset. Another tie card, dated June 27, 1994, shows Corner 1 as a railroad rail found.

The railroad rail at Corner 1 was found in 2016. The rail was accepted as marking the corner, presuming the stone found in 1971 was one of the monuments described in the 1894 record. The top of the rail was five inches below grade, as found. The rail was left in place with two 24" lengths of 3/8 inch diameter rebar driven at angles adjacent to the rail. The top 8 inches of the rail and the tops of both rebars were encased in concrete and a Harrison monument was set over the top, center of the rail. A survey by Jerry L. Carter, IN LS #S0350 recorded as Instrument 0107644 in the Office of the Boone County Recorder shows Corner 2 at 75.9 feet west of Corner 1, in agreement with the original federal notes which state that Corner 2 is 115 links west of Corner 1. The descriptions of the adjoining land match the survey (see I200900008570). This position falls in a tilled field but fits well with the center of County Road 300 West to the south. A 2 foot length of 5/8 inch rebar was found bent and severely disturbed in the immediate vicinity of Corner 2. The railroad rail (RRR) called in the 1971 tie card was not found at Corner 2 and is believed to have not been present since at least 1989. It is not known why the 1971 tie card established the corners at 66.7 feet apart. No evidence was found to support this position nor were any surveys or deeds found which explicitly hold the position. The federal dimension of 115 links was held, in agreement with the Carter survey and adjoining descriptions. The bent rebar was removed and replaced with a 30 inch length of 5/8 inch diameter rebar with metal cap stamped 'Boone County Surveyor' set at 14 inches below the top of the tilled field on May 31, 2019.

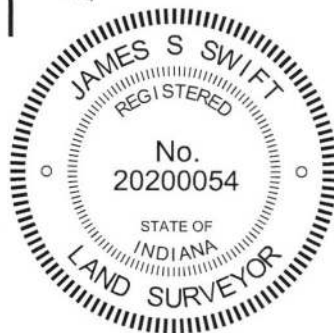
Corner 1 was originally established as a wood post in 1819. Corner 2 was originally established as a wood post in 1820.



① S.E. Corner, Section 33  
S.W. Corner, Section 34  
T 19 N, R 1 W  
Harrison Monument Set  
Flush

② N.W. Corner, Section 3  
N.E. Corner, Section 4  
T 18 N, R 1 W  
5/8" rebar with metal cap  
'Boone County Surveyor'  
set 14 inches below grade

Distance between monuments:  
75.9' (115 links)



Center Township

Section 33 T19N, R1W	Section 34 T19N, R1W
Section 4 T18N, R1W	Section 3 T18N, R1W

Kenneth E. Hedge, County Surveyor  
June 19, 2019

James S. Swift, IN LS 20200054

# SECTION CORNER RECORD

SW 050-300

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1742811.29 East: 3108903.25 (U.S. survey feet)

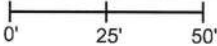
Type of monument: Harrison, 4" disk 'Section Corner'

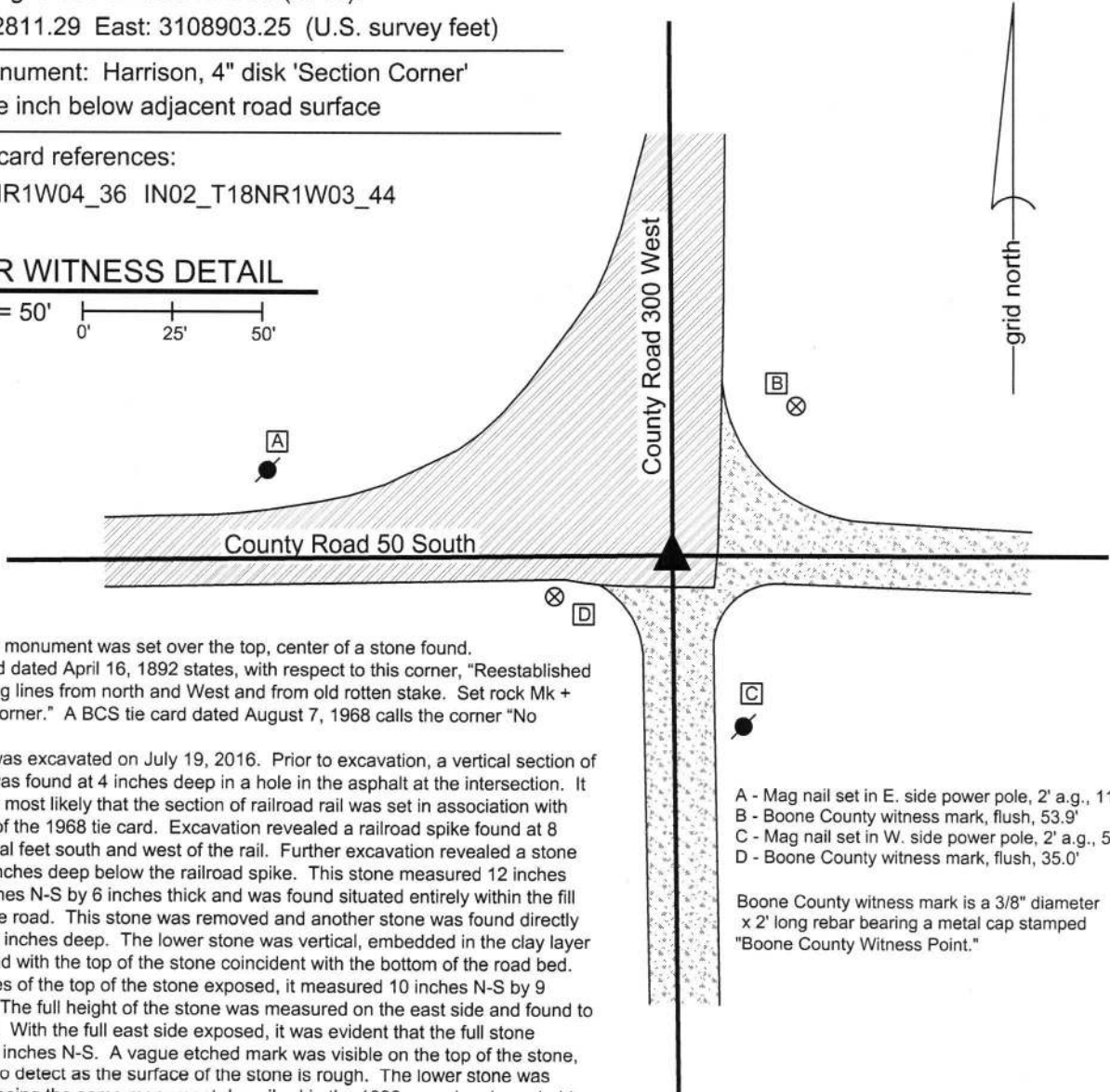
Depth: One inch below adjacent road surface

Indiana tie card references:

IN02\_T18NR1W04\_36 IN02\_T18NR1W03\_44

### CORNER WITNESS DETAIL

SCALE 1" = 50' 



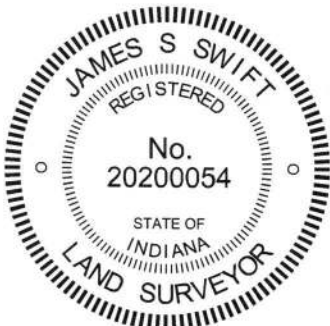
The Harrison monument was set over the top, center of a stone found. A BCS record dated April 16, 1892 states, with respect to this corner, "Reestablished by intersecting lines from north and West and from old rotten stake. Set rock Mk + 20.10.10 at corner." A BCS tie card dated August 7, 1968 calls the corner "No Stone."

This corner was excavated on July 19, 2016. Prior to excavation, a vertical section of railroad rail was found at 4 inches deep in a hole in the asphalt at the intersection. It is considered most likely that the section of railroad rail was set in association with the creation of the 1968 tie card. Excavation revealed a railroad spike found at 8 inches, several feet south and west of the rail. Further excavation revealed a stone found at 14 inches deep below the railroad spike. This stone measured 12 inches E-W by 8 inches N-S by 6 inches thick and was found situated entirely within the fill material of the road. This stone was removed and another stone was found directly below it at 20 inches deep. The lower stone was vertical, embedded in the clay layer below the road with the top of the stone coincident with the bottom of the road bed. With 12 inches of the top of the stone exposed, it measured 10 inches N-S by 9 inches E-W. The full height of the stone was measured on the east side and found to be 20 inches. With the full east side exposed, it was evident that the full stone measured 10 inches N-S. A vague etched mark was visible on the top of the stone, though hard to detect as the surface of the stone is rough. The lower stone was accepted as being the same monument described in the 1892 record and was held as marking the corner. The stone was left in place and a Harrison monument was set over the top, center of the stone. The railroad spike and upper stone were both removed during excavation. The railroad rail, also removed during excavation, had been 2.8 feet east and 1.5 feet north of the record stone.


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

- A - Mag nail set in E. side power pole, 2' a.g., 114.3'
- B - Boone County witness mark, flush, 53.9'
- C - Mag nail set in W. side power pole, 2' a.g., 50.2'
- D - Boone County witness mark, flush, 35.0'

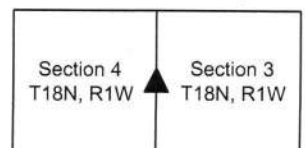
Boone County witness mark is a 3/8" diameter x 2' long rebar bearing a metal cap stamped "Boone County Witness Point."



  
Kenneth E. Hedge, County Surveyor

  
James S. Swift, IN LS 20200054  
March 23, 2017

Center Township



PHOTOGRAPHIC DOCUMENTATION

Date of photography: July 19, 2016

The upper stone as it was originally exposed.



View showing the railroad spike (top), upper stone (middle), and lower stone (bottom)



View from the west looking across the lower stone and west along County Road 50 South.



The lower stone from above.



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



# SECTION CORNER RECORD

SW 100-250

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1740171.53 East: 3111563.87 (U.S. survey feet)

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

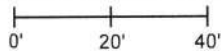
Depth: three inches above adjacent ground

Indiana tie card references:

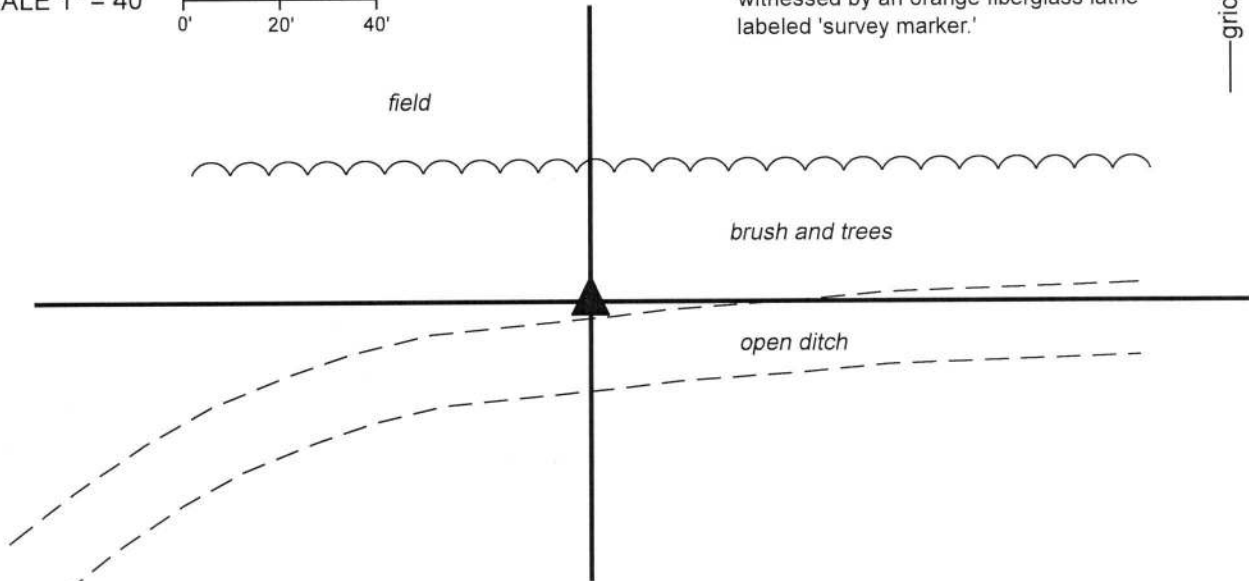
IN02\_T18NR1W03\_76 IN02\_T18NR1W10\_04

### CORNER WITNESS DETAIL

SCALE 1" = 40'



The Harrison monument is located 0.3' south of the south edge of an existing wood corner post on the north bank of an existing open ditch. The monument is witnessed by an orange fiberglass lathe labeled 'survey marker.'



The Harrison monument was set over a stone found.

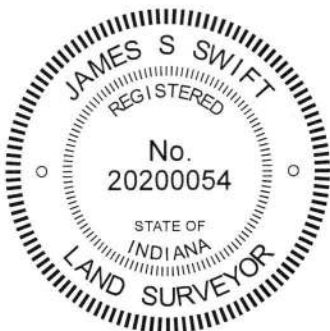
A BCS record dated March 25, 1892 states, with respect to this corner, "Reestablished by running lines from South, North, and West. Set rock mk + 17.13.10 at corner."

Neither recent BCS tie cards nor recorded surveys were found referencing this corner.

Excavation was performed at this corner on November 6, 2019. Prior to excavation, a wood corner post with fencing to the west and north (fence does not extend far north) and cut to the south, with a brace to the west and a brace notch to the south, was found on the north edge of an existing open ditch. The post appears to be ancient and the evidence of fencing and bracing to the south indicates that it pre-dates significant excavation of the open ditch.

Analysis of the position of the post with respect to evidence of the center corners of section 3 (found monument in center of County Road 50 South) and section 10 (computed from westerly and southerly extensions of existing fencing) indicates that the position of the post works remarkably well with distances referenced in the 1892 record. Excavation in the immediate vicinity of the post revealed a stone found at 12 inches deep at the southeast edge of the post. The stone did not appear to be a brace rock but did not match the dimensions called in the 1892 record. Further excavation revealed the stone called in the 1892 record at 14 inches deep adjacent to the south edge of the post. With the top 8 inches of the stone exposed, it measured 13 inches N-S by 11 inches E-W in a triangular shape, with the points of the triangle to the south, east and west. The north edge of the stone was exposed to 13 inches from the top and observed to be vertical. Probing along the remainder of the north edge of the stone indicated that the full height is approximately 17 inches tall. A vague mark was observed on the top of the stone, but not positively confirmed as the "+" mark called in the record. The stone was accepted as being the same monument described in the 1892 record. The stone was left in place and a Harrison monument was set over the high point of the stone, near the north edge.

This corner was originally established in 1820.



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

*James S. Swift*  
 James S. Swift, IN LS 20200054

December 3, 2019

Center Township

Section 3  
T18N, R1W

Section 10  
T18N, R1W

# SECTION CORNER RECORD

# SW 100-300

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1740169.50 East: 3108945.60 (U.S. survey feet)

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

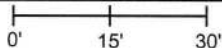
Depth: Six inches below adjacent gravel road surface

Indiana tie card references:

IN02\_T18NR1W04\_80 IN02\_T18NR1W03\_72

IN02\_T18NR1W09\_08 IN02\_T18NR1W10\_00

### CORNER WITNESS DETAIL

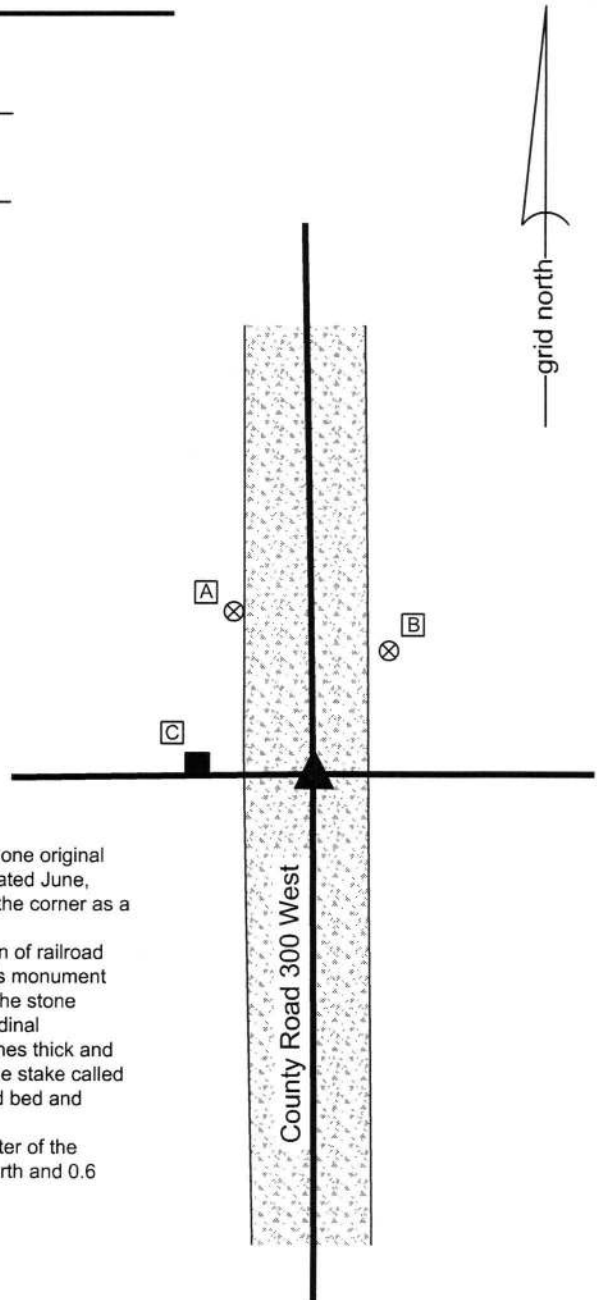
SCALE 1" = 30' 

A - Boone County witness mark, flush, 28.1'

B - Boone County witness mark, flush, 22.5'

C - Mag nail set in S. side wood post, 2' a.g., 17.3'

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 place of a stone found.

A BCS record dated April 16, 1866 states, with respect to this corner, Re-est. from one original bearing tree. Rock 12,10,5 marked "S10. Stake drove under it." A BCS tie card dated June, 1970 calls the corner "No Stone." A BCS tie card dated December 9, 1994 shows the corner as a rebar.


This corner was excavated on June 17, 2016. Prior to excavation, a vertical section of railroad rail was found at 6 inches deep in the gravel road. It is believed most likely that this monument was set in association with the creation of the 1970 tie card. Excavation revealed the stone described in the 1866 record at 18 inches deep. The stone was not oriented in cardinal directions. It was measured to be 12 inches NW-SE by 10 inches NE-SW by 5 inches thick and had a distinct and clear etched mark of "10" the top of the stone. No evidence of the stake called for in the 1866 record was found, though it is noted that the material below the road bed and below the stone is quite wet clay. Any stake may have long since rotted.

The stone was removed and a Harrison monument was set in place of the top, center of the stone as found. The railroad rail, removed during excavation, had been 2.6 feet north and 0.6 foot east of the point held as the corner.

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



  
 Kenneth E. Hedge, County Surveyor

  
 James S. Swift, IN LS 20200054  
 March 23, 2017

Center Township

Section 4 T18N, R1W	Section 3 T18N, R1W
Section 9 T18N, R1W	Section 10 T18N, R1W



PHOTOGRAPHIC DOCUMENTATION

Date of photography: June 17, 2016

The stone as found in the road.



The stone removed from the road.



View from above the stone looking at the wood post (covered with ivy) on the west side of County Road 300 West.



View from the north looking across the stone and south along County Road 300 West.



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