

# SECTION CORNER RECORD

NW 400-700

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1766772.98 East: 3087848.30 (U.S. survey feet)

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

Depth: One inch below adjacent road surface

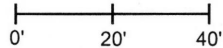
Indiana tie card references:

IN02\_T19NR2W11\_80 IN02\_T19NR2W12\_72

IN02\_T19NR2W14\_08 IN02\_T19NR2W13\_00

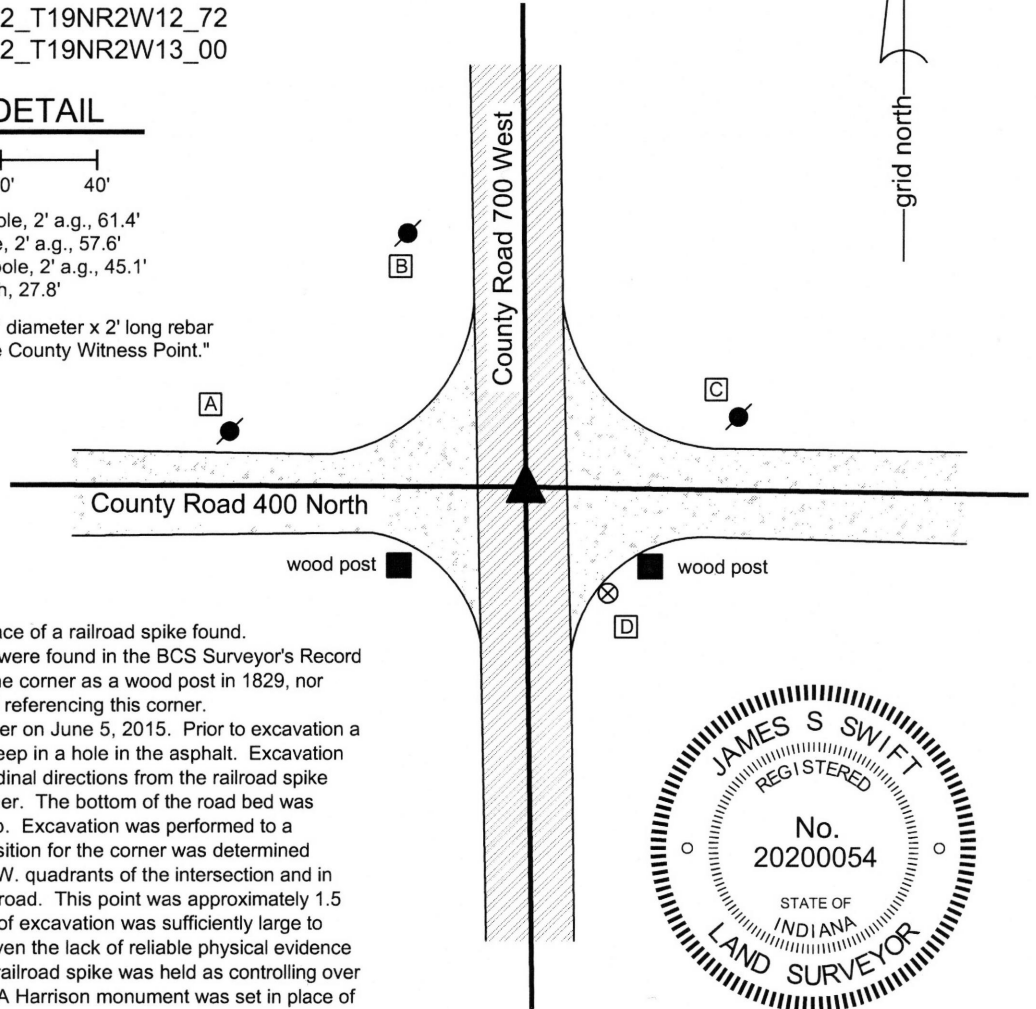
### CORNER WITNESS DETAIL

SCALE 1" = 40'



- A - Mag nail set in S.E. side power pole, 2' a.g., 61.4'
- B - Mag nail set in E. side power pole, 2' a.g., 57.6'
- C - Mag nail set in S.W. side power pole, 2' a.g., 45.1'
- D - Boone County witness mark, flush, 27.8'

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 railroad spike found. No specific descriptions of this corner were found in the BCS Surveyor's Record beyond the original establishment of the corner as a wood post in 1829, nor were any modern BCS tie cards found referencing this corner. Excavation was performed at this corner on June 5, 2015. Prior to excavation a railroad spike was found at 3 inches deep in a hole in the asphalt. Excavation of an area extending 2.5 feet in all cardinal directions from the railroad spike yielded no further evidence of the corner. The bottom of the road bed was found at approximately 20 inches deep. Excavation was performed to a minimum of 22 inches. A probable position for the corner was determined relative to the posts in the S.E. and S.W. quadrants of the intersection and in relation to the apparent centers of the road. This point was approximately 1.5 feet northwest of the spike. The area of excavation was sufficiently large to encompass this probable position. Given the lack of reliable physical evidence of the corner itself, the position of the railroad spike was held as controlling over the accessory evidence of the posts. A Harrison monument was set in place of the railroad spike, which was removed during excavation. This corner was originally established as a wood post in 1829.



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

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

March 28, 2015

Sugar Creek  
 Township

Jefferson  
 Township

Section 11 T19N, R2W	Section 12 T19N, R2W
Section 14 T19N, R2W	Section 13 T19N, R2W

# SECTION CORNER RECORD

## BOONE COUNTY SURVEYOR'S OFFICE

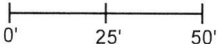
NW 400-800

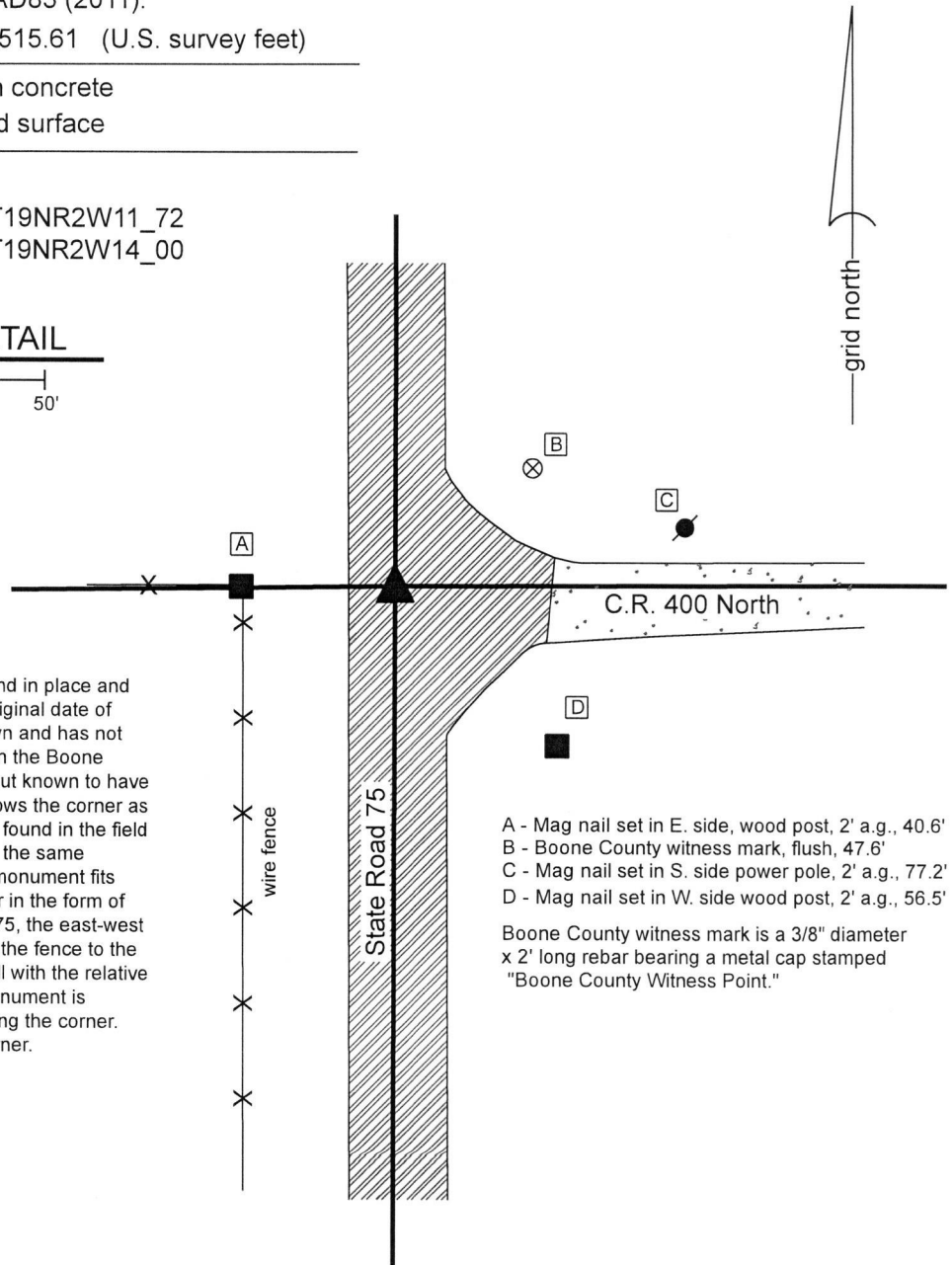
State Plane grid coordinates NAD83 (2011):  
 North: 1766780.79 East: 3082515.61 (U.S. survey feet)

Type of monument: Iron plug in concrete  
 Depth: Flush with adjacent road surface

Indiana tie card references:  
 IN02\_T19NR2W10\_80 IN02\_T19NR2W11\_72  
 IN02\_T19NR2W15\_08 IN02\_T19NR2W14\_00

### CORNER WITNESS DETAIL

SCALE 1" = 50' 

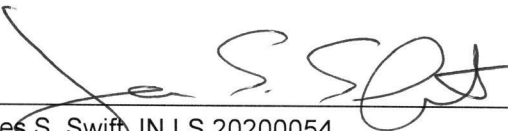


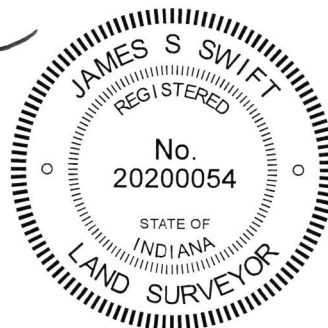
The iron monument in concrete was found in place and accepted as marking the corner. The original date of installation of this monument is not known and has not been confirmed by INDOT. A tie sheet in the Boone County Surveyor's Office with no date, but known to have been submitted to the office in 2001, shows the corner as an iron pin in concrete. The monument found in the field is believed to be the same monument at the same position as shown on the tie card. The monument fits well with the local evidence of the corner in the form of the north-south roadway of State Road 75, the east-west roadway of County Road 400 North and the fence to the west. The position of the corner fits well with the relative distances to proximate corners. The monument is believed to be widely accepted as marking the corner. No excavation was performed at this corner.

- A - Mag nail set in E. side, wood post, 2' a.g., 40.6'
- B - Boone County witness mark, flush, 47.6'
- C - Mag nail set in S. side power pole, 2' a.g., 77.2'
- D - Mag nail set in W. side wood post, 2' a.g., 56.5'

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  
 July 3, 2018



Sugar Creek  
 Township

Jefferson  
 Township

Section 10 T19N, R2W	Section 11 T19N, R2W
Section 15 T19N, R2W	Section 14 T19N, R2W

# SECTION CORNER RECORD

NW 450-700

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1769424.63 East: 3087824.81 (U.S. survey feet)

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

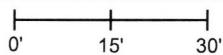
Depth: One inch below adjacent road surface

Indiana tie card references:

IN02\_T19NR2W11\_44 IN02\_T19NR2W12\_36

### CORNER WITNESS DETAIL

SCALE 1" = 30'



- A - Boone County witness mark, flush, 33.1'
- B - Boone County witness mark, flush, 31.6'
- C - Mag nail set in E. side power pole, 2' a.g., 18.8'
- D - Mag nail set in N.E. side wood post, 2' a.g., 34.5'

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

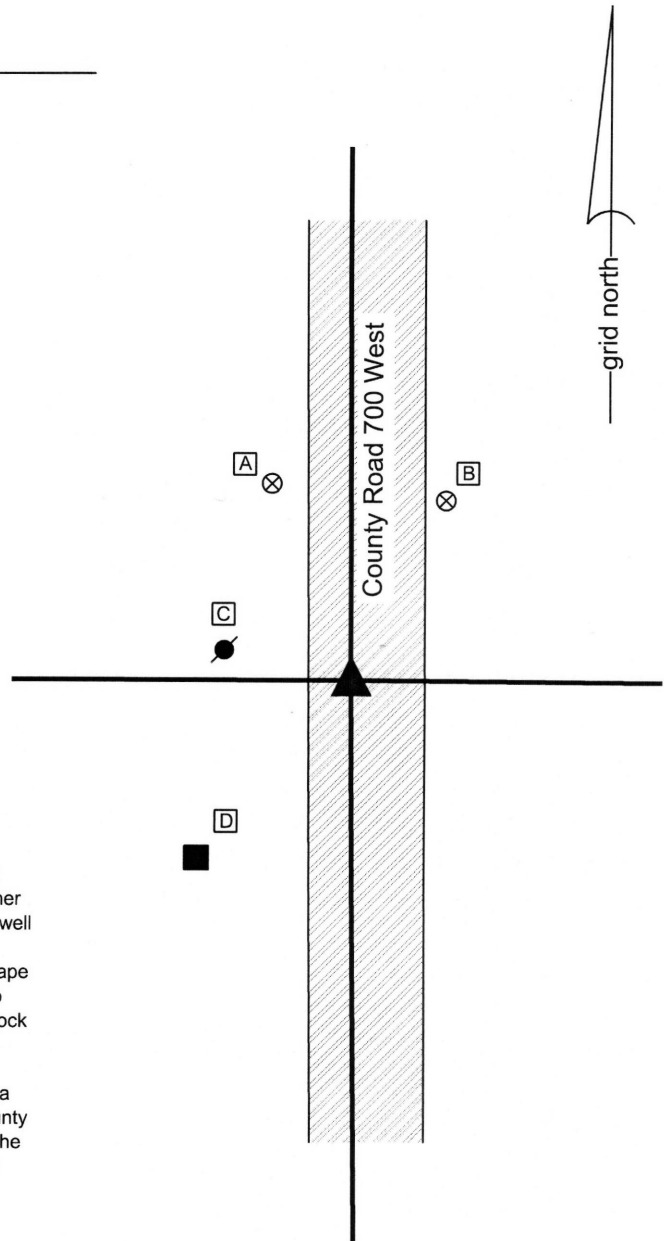
The Harrison monument was set in place of a railroad spike found. A BCS record of May 9-10, 1895 states, with respect to this corner, "Established rock, 24x18x12 +." No modern tie cards were found referencing this corner.

Excavation was performed at this corner on June 22, 2015. Prior to excavation, a railroad spike was found at 2 inches deep in a hole in the asphalt roadway. Excavation of an area extending 2.5 feet north, 4 feet east, 3.5 feet south, and 2 feet west of the railroad spike yielded no further evidence of the corner. Excavation was performed to a depth of 2 feet, well into the clay layer below the bottom of the road bed.

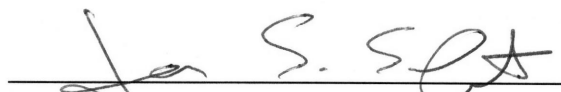
A rock which matches the record dimensions of 24x18x12 and has a shape typical of many section corner stones was found in the grass adjacent to the road, along with several other rocks. No marks were found on this rock and it could not be positively identified as being the same monument referred to in the 1895 record.

The railroad spike fit with local evidence of the corner, being in line with a fence to the west. It was near, though slightly west of, the center of County Road 700 West (Hazelrigg Road). Having found no contrary evidence, the position of the railroad spike was held as marking the corner. The spike was removed during excavation and was replaced with a Harrison monument in the same position.

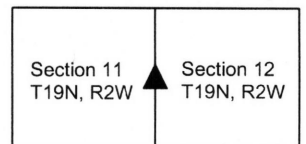
This corner was originally established as a wood post in 1829.



  
Kenneth E. Hedge, County Surveyor

  
James S. Swift, IN LS 20200054  
March 28, 2016

Sugar Creek Township



# SECTION CORNER RECORD

NW 450-800

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1769439.01 East: 3082521.24 (U.S. survey feet)

Type of monument: Iron pin in concrete

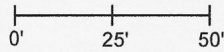
Depth: Flush with adjacent road surface

Indiana tie card references:

IN02\_T18NR2W10\_44 IN02\_T18NR2W11\_36

### CORNER WITNESS DETAIL

SCALE 1" = 50'



- A - Boone County witness mark, flush, 24.7'
- B - Benchmark C61, on bridge wingwall, flush, 70.1'
- C - Notch carved in top of guardrail post, 32.3'
- D - Notch carved in top of guardrail post, 69.3'
- E - Notch carved in top of guardrail post, 32.3'

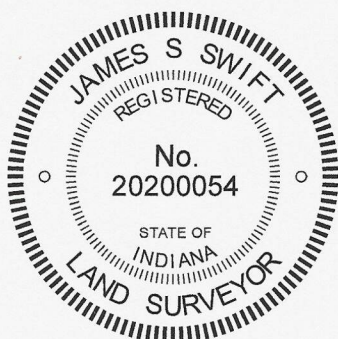
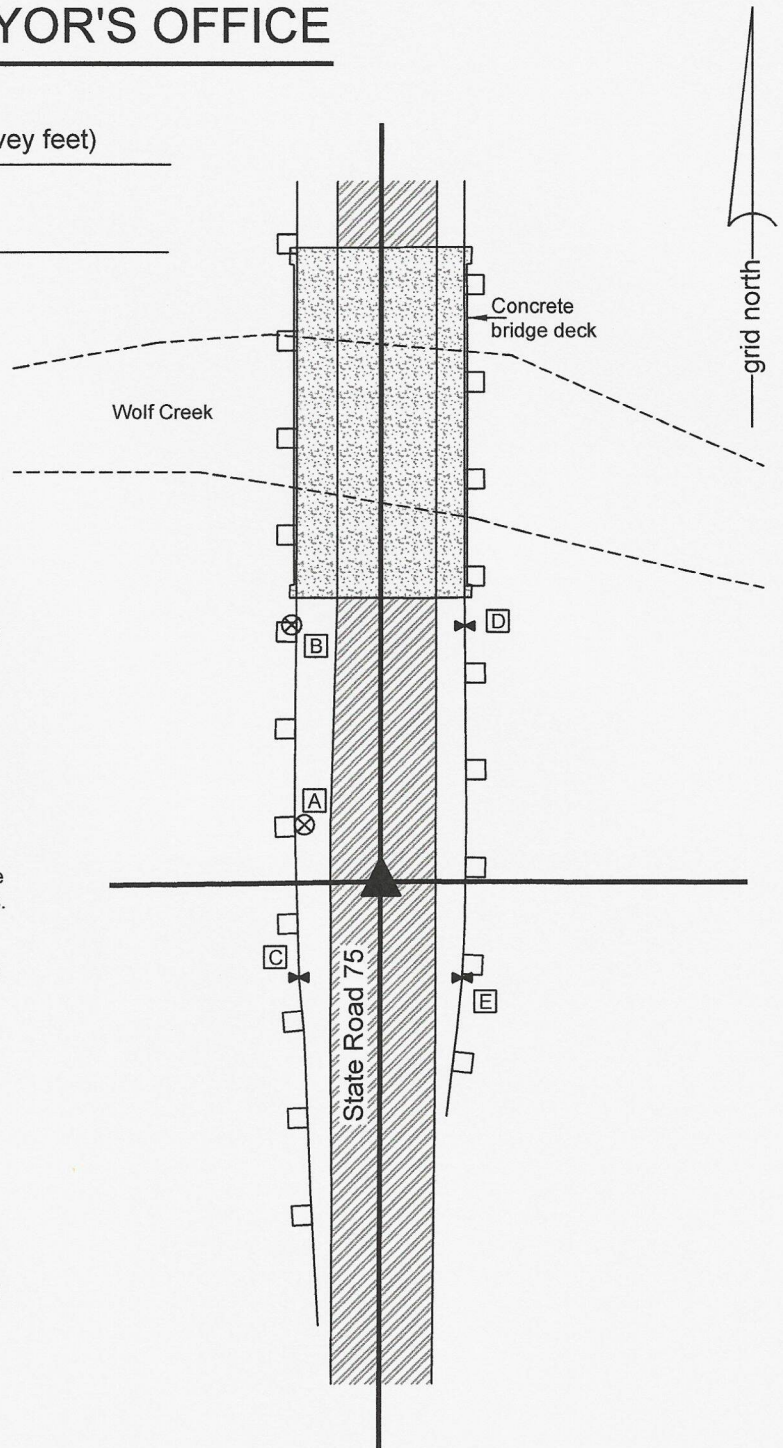
The iron pin in concrete was found in place and held as marking the corner.

This corner is shown on an undated BCS tie card, which is believed to have been made in 2001 by Anderson and Associates of Lebanon. The tie card does not state what monument was found or set at the corner. The relative position of the existing monument with the bridge deck and benchmark on the west wing wall does not match the dimensions shown on that document. However, we could not resolve the three distance ties shown on that tie card with each other and with respect to any possible position for a monument, hence we have concluded that the tie card must contain erroneous tie distances. The position of the found iron pin in concrete relative to the position of a similar monument at the southeast corner of Section 10 fits within one foot of the stations shown on the 1936 plans for State Road 75. These plans do not specifically show the corners, but indicate that the corner to the south is at the intersection of the centers of County Road 400 North and State Road 75 and in-line with a fence to the west which is labelled 'sec line,' all of which matches the monument we found at that corner.

For the subject corner, the plans show fences to the east and west of the position of a P.O.T. south of the bridge. While the origin of the actual iron pin in concrete is not known, it is clear that this iron pin in concrete fits with evidence of the section lines found in 1936. The iron pin was held as the best available evidence of the corner.

Being in a state road, and also being in an area of substantial fill in the approach to the bridge to the north, no excavation was performed at this corner.

This corner was originally established as a wood post in 1829.



*Carol Cunningham*  
Carol Cunningham, County Surveyor

*James S. Swift*  
James S. Swift, IN LS 20200054  
December 18, 2024

Sugar Creek Township

Section 10 T19N, R2W	Section 11 T19N, R2W
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# SECTION CORNER RECORD

NW 500-700

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1772068.94 East: 3087819.95 (U.S. survey feet)

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

Depth: Flush with adjacent road surface

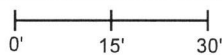
Indiana tie card references:

IN02\_T19NR2W02\_80 IN02\_T19NR2W01\_72

IN02\_T19NR2W11\_08 IN02\_T19NR2W12\_00

### CORNER WITNESS DETAIL

SCALE 1" = 30'



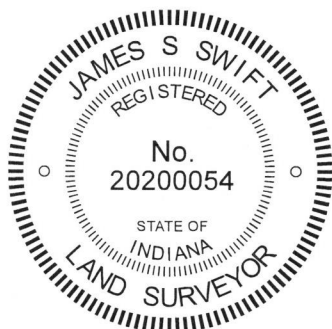
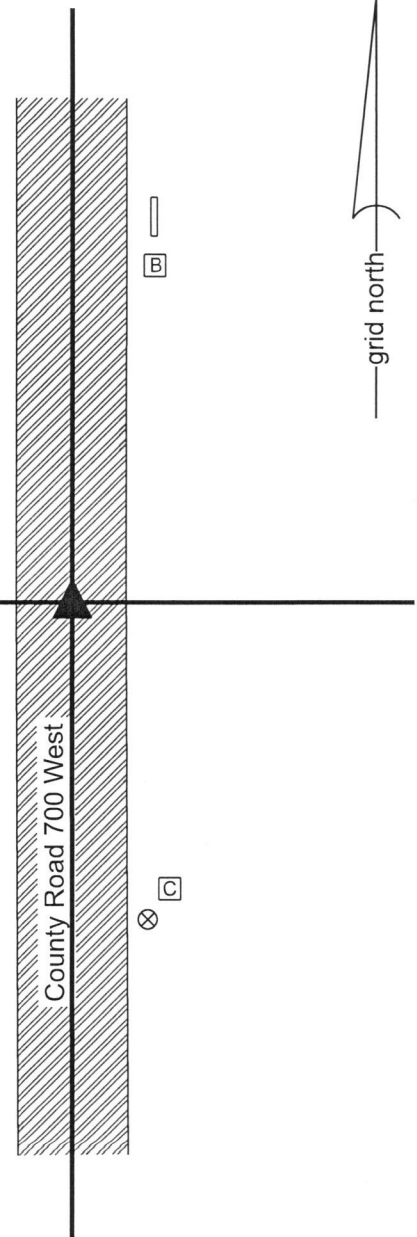
- A - Mag nail set in E. side wood post, 3' a.g., 21.5'
- B - S.W. corner, base of conc. headwall, flush, 65.7'
- C - Boone County witness mark, flush, 50.8'

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 vertical section of railroad rail found. A BCS record dated September 12, 1939 states, with respect to this corner (E) and the corner one half mile west (F), "Located E and F by running line in Sec. 11. E - Set Iron Pin." A BCS tie card dated April 12, 1968 shows the corner as 'No stone.'

This corner falls in an area of substantial fill. Minor excavation was performed on July 17, 2018. Prior to excavation, a 5/8 inch rebar was found at 1 inch deep in the center of the N-S roadway, generally in-line with evidence of occupation to the east and west. Excavation revealed a section of 1/2 inch diameter rebar found at 12 inches deep and a vertical section of railroad rail found at 14 inches deep. The railroad rail is not mentioned on the 1968 tie card but it is considered most likely that the rail was set in association with the creation of that document, as it is known that BCS field crews of that era routinely set vertical sections of railroad rail to mark corners. The 1/2 inch rebar had been situated along the north edge of the rail and the 5/8 inch rebar had been situated slightly south of the rail, being 0.2 foot south of the top, center-of-mass point of the rail. The rail was held as marking the corner and a Harrison monument was set directly over the top of the rail. The 5/8 inch rebar was driven to approximately the same elevation as the top of the rail and left in place. The 1/2 inch rebar was left in place as found.

This corner was originally established as a wood post in 1829.



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

*James S. Swift*  
 James S. Swift, IN LS 20200054  
 August 15, 2018

Sugar Creek Township

Section 2 T19N, R2W	Section 1 T19N, R2W
Section 11 T19N, R2W	Section 12 T19N, R2W

# SECTION CORNER RECORD

NW 500-750

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1772065.97 East: 3085179.14 (U.S. survey feet)

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

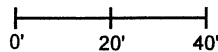
Depth: 3" above surrounding ground

Indiana tie card references:

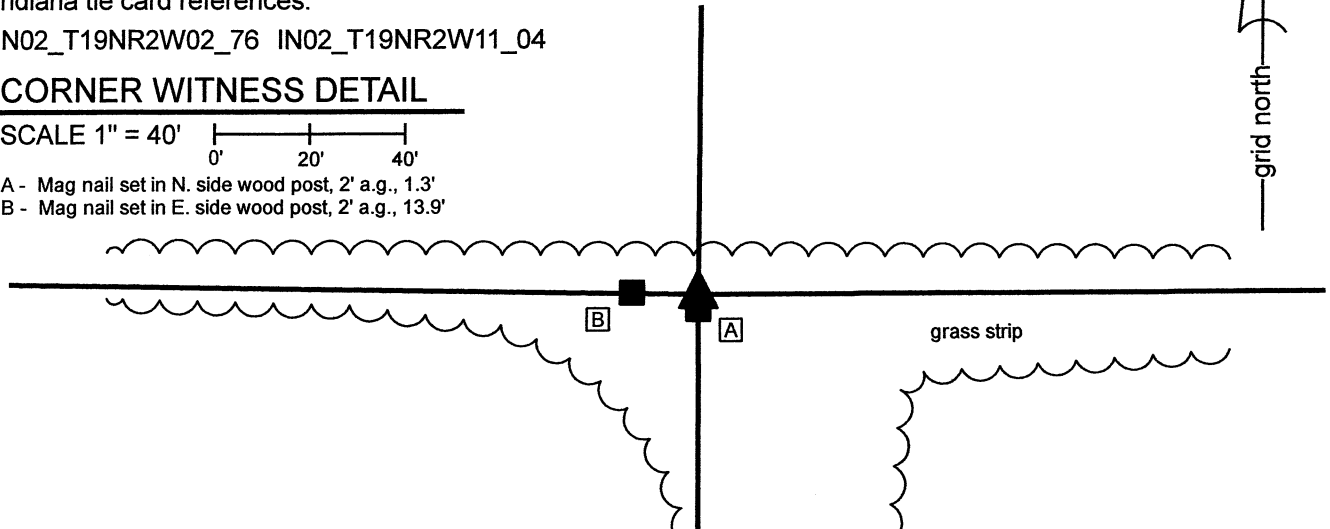
IN02\_T19NR2W02\_76 IN02\_T19NR2W11\_04

### CORNER WITNESS DETAIL

SCALE 1" = 40'



- A - Mag nail set in N. side wood post, 2' a.g., 1.3'
- B - Mag nail set in E. side wood post, 2' a.g., 13.9'



The Harrison monument was set in-line with ancient wood posts found to the east and west of the corner and in-line with a wood post found adjacent to and south of the corner.

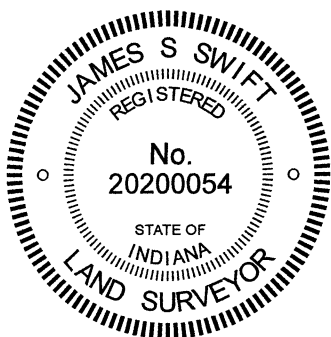
A BCS record dated September 12, 1936 states, with respect to this corner and the southeast corner of Section 2, "Located E and F by running lines in Sec. 11. E - Set Iron Pin. F - Set Iron Pin." No recent BCS tie cards were found referencing this corner, nor were any surveys found in the Office of the Boone County Recorder found which reference this corner.

This corner was investigated and excavated on March 22 through 24, 2021. A round wood post which does not appear to be ancient was found in-line with a field division to the south. The post has fencing to the south, which is cut-off several feet from the corner. The post does not have fencing to the east and west and the post is clearly south of the evidence of older posts to the east and west. Numerous ancient posts were found and located along the field divisions to the east and west. It is noted that the overall evidence of the east-west lines is ambiguous and that a straight line connecting the currently visible evidence of the section corners to the east and west is well north of all of the evidence of old posts. However, it was observed that a position which is on the easterly prolongation of a line of ancient posts found from approximately 660 feet west to 14 feet west of the round post falls at the westerly prolongation of a line of old posts found from approximately 870 feet west of the corner to 251 feet west of the corner. These old posts appear to represent the most reliable and most ancient evidence of the section line and though they do not fall along a straight line, they do fall along lines which can be extended east or west, respectively, to a common point, slightly north of the existing round post. This position also lines up well with the north edge of the existing drive which extends from State Road 75 easterly to the house west of the corner.

Excavation revealed numerous rocks in the vicinity of the round post, none of which appeared to represent monuments purposely set to mark the corner. The iron pin referenced in the 1936 BCS record was not found. It is noted that a large drainage tile is located in this immediate vicinity and that a reasonably new drainage riser is located slightly west of the corner. Clearly, this area has been disrupted in the recent past.

The north-south position of the corner was determined by the aforementioned evidence of old posts to the east and west of the corner. The east-west position of the corner was determined by the existing round post and field division south of the corner. Although the southwest corner of Section 2 has not been fully perpetuated, it is evident that the south line of the southwest quarter of Section 2 is significantly longer than the south line of the southeast quarter. However, the evidence of an ancient wood post along the occupied west line of the east half of the northwest quarter of Section 11 and the evidence of a wood corner post approximately 660 feet west of the subject corner indicates that the subject corner (south quarter corner of Section 2 and north quarter corner of Section 11) would not be appropriately placed any further west than the existing round post and field division.

A Harrison monument was set at the position determined as noted above on March 24, 2021. It is noted that a stone was found in approximately the same position, but the stone did not appear to be reliable evidence of the corner and is considered to be just a rock which happens to be at the position of the corner as determined by the evidence of the ancient posts.



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

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

April 7, 2021

Sugar Creek Township

Section 2  
T19N, R2W

▲  
 Section 11  
 T19N, R2W

# SECTION CORNER RECORD

# NW 500-800

## BOONE COUNTY SURVEYOR'S OFFICE

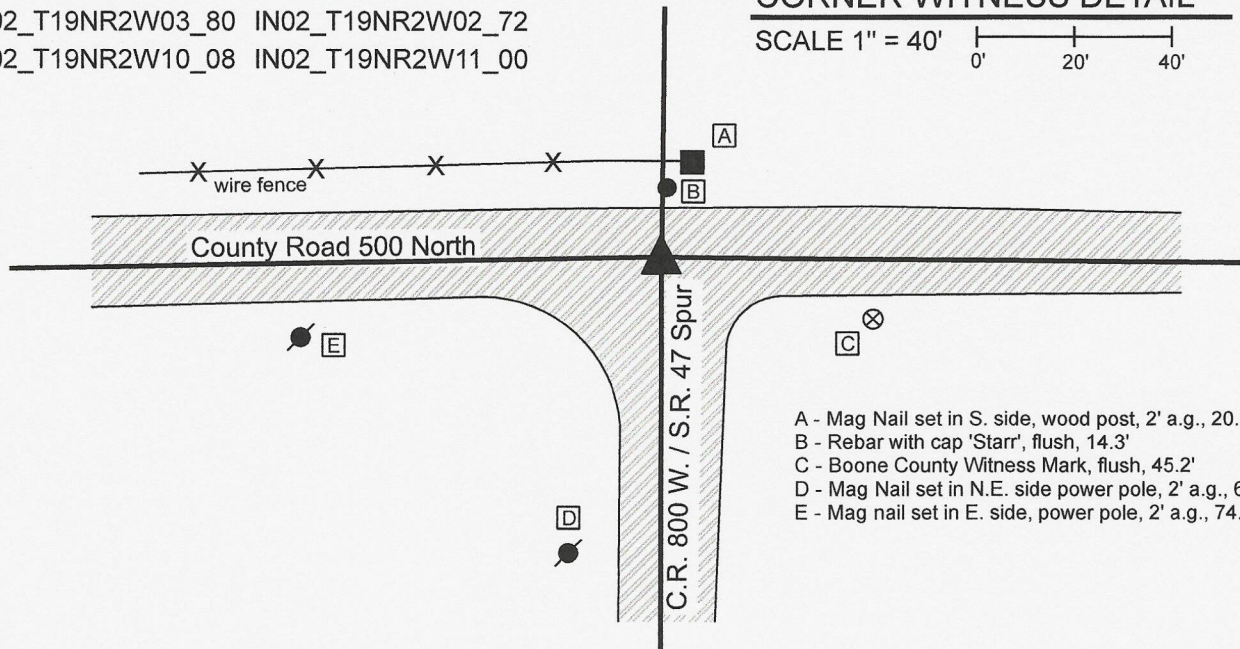
State Plane grid coordinates NAD83 (2011):  
North: 1772091.72 East: 3082522.24 (U.S. survey feet)

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

Indiana tie card references:  
IN02\_T19NR2W03\_80 IN02\_T19NR2W02\_72  
IN02\_T19NR2W10\_08 IN02\_T19NR2W11\_00

### CORNER WITNESS DETAIL

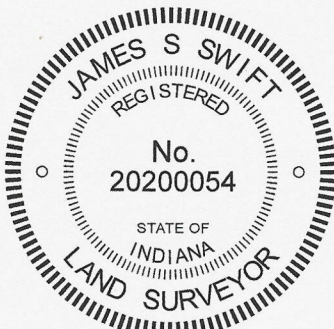
SCALE 1" = 40'  
0' 20' 40'



- A - Mag Nail set in S. side, wood post, 2' a.g., 20.5'
- B - Rebar with cap 'Starr', flush, 14.3'
- C - Boone County Witness Mark, flush, 45.2'
- D - Mag Nail set in N.E. side power pole, 2' a.g., 62.6'
- E - Mag nail set in E. side, power pole, 2' a.g., 74.4'

The Harrison monument was set in place of a brick found and over fragments of a wood post. No specific descriptions of this corner were found in the BCS Surveyor's Record beyond the original establishment of the corner as a wood post in 1829. No recent BCS tie cards were found referencing the corner and no specific monuments were called as marking this corner on surveys recorded in the Office of the Boone County Recorder. Plans for State Road 47 dated 1936, which appears to be the time frame when the sweeping curves were introduced into S.R. 47, do not specify this corner. They do show a P.I. station at what is graphically presented as the center of the intersection. This corner was excavated on October 20, 2023. Prior to excavation, a railroad spike was found at 2 inches below grade. The spike was situated generally in-line with the state road, and northerly spur thereof, to the south, but was substantially south of the center of the intersection of the two roads. The spike was south of the center of the county road to the west and was also well south of fencing which exists east of the point where State Road 47 bends to the north, east of this corner. The origin of the spike is not known and no surveys were found which specifically call it out as the corner. This spike may be a P.I. point for S.R. 47 but is not shown as such on any plans we were provided. It is noted that a recent Route Control Survey for part of the highway to the east does not mention this spike and specifically does not call out a monument at this corner or P.I. in the immediate vicinity. See Instrument 2022001933, Boone County Recorder. Prior to excavation, the 1939 aerial photos of this area were reviewed and it was noted that the situation with this intersection, being at the intersection of highway spurs to the east and south and a county road to the west, appears to be unchanged since 1939. Excavation was performed around the found railroad spike but no further evidence was found below that spike. Excavation further north revealed a brick found at approximately 22 inches deep at the bottom of the road bed. The brick, as found, was horizontal and oriented mostly in cardinal directions, being cocked slightly from being evidently due north-south. The brick was removed and fragments of an old wood post were found in the clay layer below the road bed. Several small fragments of wood were found but the extent of the evidence was clearly apparent by distinct discoloration of the clay below the road bed. This evidence indicated that a wood post, being 3 to 4 inches wide (N-S), previously lay along the line of the E-W road, across the intersection. This appears to be similar to the object called a 'crosslaying' found at Boone County corner NE/NW 900-000. The 'post' appeared to be approximately 4 feet, E-W. The brick was found directly over the west end of the 'post' and happened to be at precisely the position we predicted would be the corner, prior to excavation. Though not a stone, this is clear evidence of an object purposely set to mark the corner at a position which works well with the other evidence of the corner, being the roads to the south and west and the fencing to the east. The brick and fragments of post were accepted as the best available evidence of the corner. A Harrison monument was set in the position of the found brick. The railroad spike, removed during excavation, had been 5.9 feet south and 0.9 foot east of this position.

Sugar Creek Township



*Carol Cunningham*  
 Carol Cunningham, County Surveyor

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

October 25, 2023 (Revised December 18, 2024)

Section 3 T19N, R2W	Section 2 T9N, R2W
Section 10 T19N, R2W	Section 11 T19N, R2W