

SECTION CORNER RECORD

NE 400-900

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (NSRS 2007):

North: 1767722.61 East: 3172196.32 (U.S. survey feet)

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

Depth: Six inches below the gravel road surface.

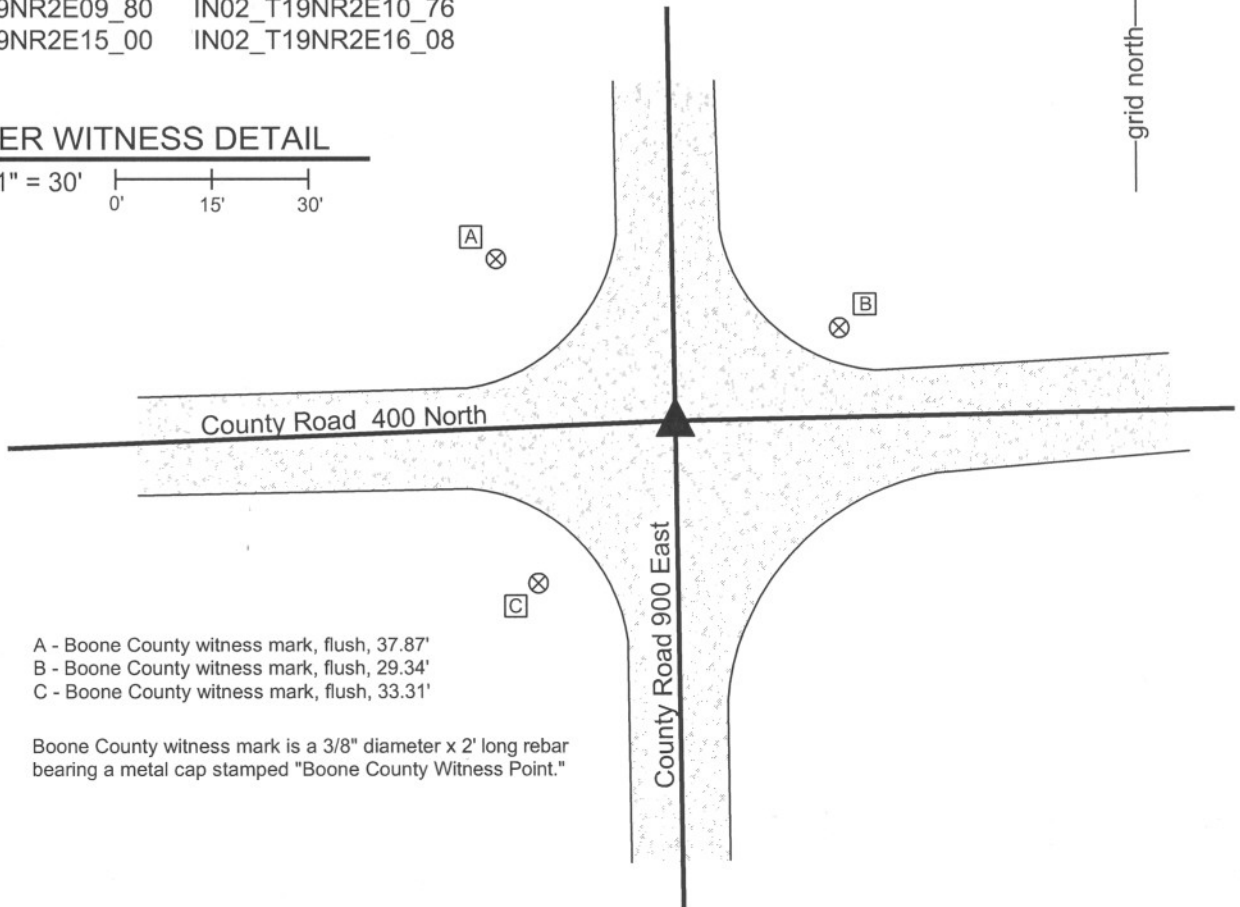
Indiana tie card references:

IN02_T19NR2E09_80 IN02_T19NR2E10_76

IN02_T19NR2E15_00 IN02_T19NR2E16_08

CORNER WITNESS DETAIL

SCALE 1" = 30'



- A - Boone County witness mark, flush, 37.87'
- B - Boone County witness mark, flush, 29.34'
- C - Boone County witness mark, flush, 33.31'

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

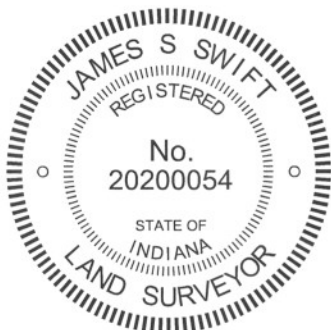
The harrison monument was set over a stone found.

A BCS record of December 24, 1867 states "Reestablished from stumps of both trees. Set Rock 21.17 by 15 in. Marked + on top." No recent BCS tie cards were found referencing this corner.

This corner was excavated on August 24, 2010. Prior to excavation a 5/8 inch diameter rebar was found at 3 inches deep, bent considerably.

Excavation revealed the record stone found at 22 inches deep. The stone is embedded in the clay layer below the road. With 12 inches exposed, the stone measures 14 inches E-W by 17 inches N-S and remains firmly embedded in the clay. The stone is of a soft sandstone type material and the top of the stone was marred during excavation. No specific marks were found on the stone, but a mark on the top of the stone may have been obliterated during excavation or at some previous time, given the softness of the material. The harrison monument was set over the top, center of the stone. The rebar, removed during excavation, had been 1.1 feet west and 0.7 foot south of this point. The source of the rebar is not known.

This corner was originally established as a wood post in July, 1821.



Kenneth E. Hedge
 Kenneth E. Hedge, County Surveyor

James S. Swift
 James S. Swift, IN LS 20200054
 July 25, 2011

Marion Township

Section 9 T19N, R2E	Section 10 T19N, R2E
Section 16 T19N, R2E	Section 15 T19N, R2E

PHOTOGRAPHIC DOCUMENTATION

Date of photography: August 24, 2010

View of the stone as first exposed.



View of the stone from above.



View of the stone from the east.



View from above the stone, looking west along County Road 400 North.



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

SECTION CORNER RECORD

NE 400-950

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (NSRS 2007):

North: 1767777.19 East: 3174850.54 (U.S. survey feet)

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

Depth: six inches below the gravel road surface.

Indiana tie card references:

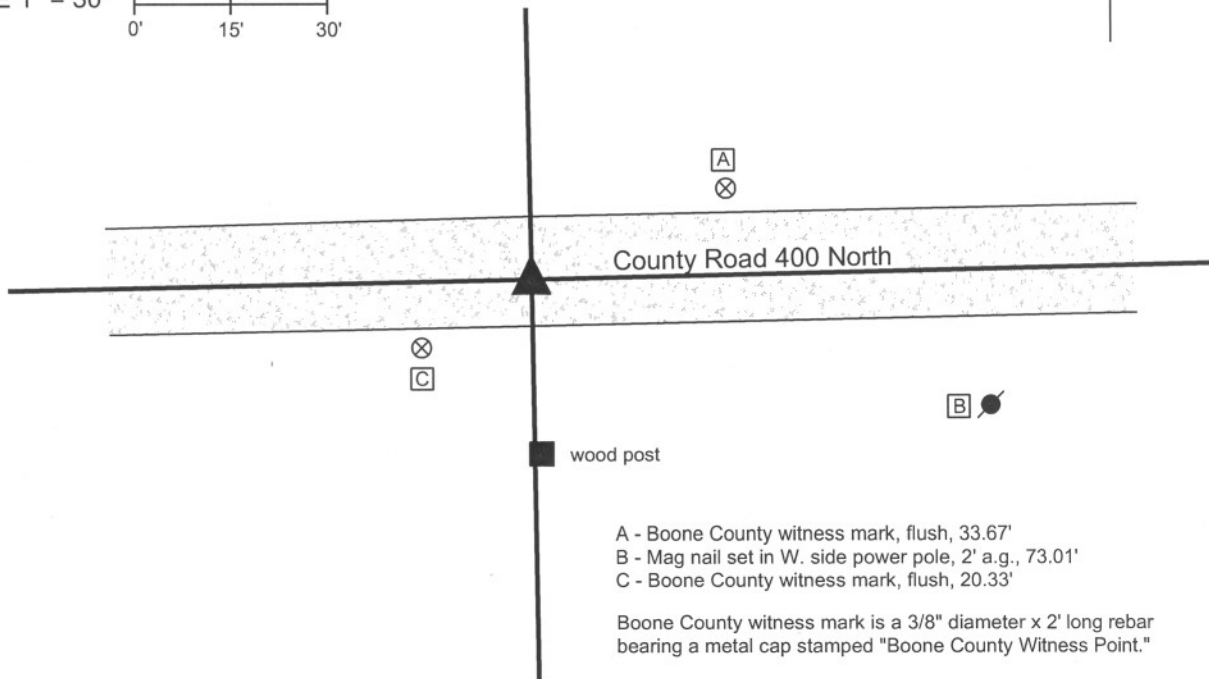
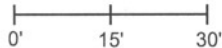
IN02_T19NR2E10_76

IN02_T19NR2E15_04



CORNER WITNESS DETAIL

SCALE 1" = 30'



- A - Boone County witness mark, flush, 33.67'
- B - Mag nail set in W. side power pole, 2' a.g., 73.01'
- C - Boone County witness mark, flush, 20.33'

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

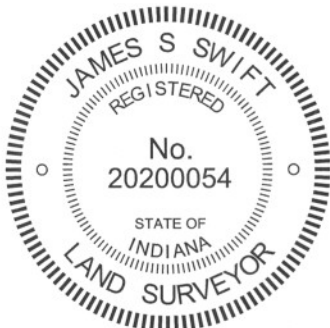
The harrison monument was set in place of a stone found.

No references to this corner were found the in the old BCS Surveyor's Record. No recent tie cards were found for this corner.

This corner was excavated on September 7, 2010. Prior to excavation, the apparent top of a stone was visible at the surface of the gravel road.

Excavation revealed that the stone was 18 inches tall by 9 inches N-S by 7 inches E-W. Being at the surface, the stone has been hit by a road grader repeatedly and the top of the stone appeared to be broken. Part of an etched "+" appeared to be visible on the top, but was obscured by the apparent damage to the top of the stone. The road bed is only 7 inches thick at this corner. Hence the stone was embedded 11 inches into the clay layer below the road and protruded 7 inches out of the clay layer, into the road. The stone was leaning slightly to the north but it was not apparent whether the stone had been originally set that way or whether it had been disturbed by equipment such as a road grader. The stone was removed and a harrison monument was set in the position of the top of the stone as originally visible prior to excavation, though considerably deeper than the stone.

This corner was originally established as a wood post in July, 1821.



Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

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

July 25, 2011

Marion Twp

Section 10
T19N, R2E

Section 15
T19N, R2E

PHOTOGRAPHIC DOCUMENTATION
Date of photography: September 7, 2010

View of the stone as first exposed.



The stone partially exposed.



View from the west, looking across the stone and east along County Road 400 North.



The stone more fully exposed.
View from the east and above.



The stone removed from the road bed.



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

SECTION CORNER RECORD

NE 400-1000

BOONE COUNTY SURVEYOR'S OFFICE

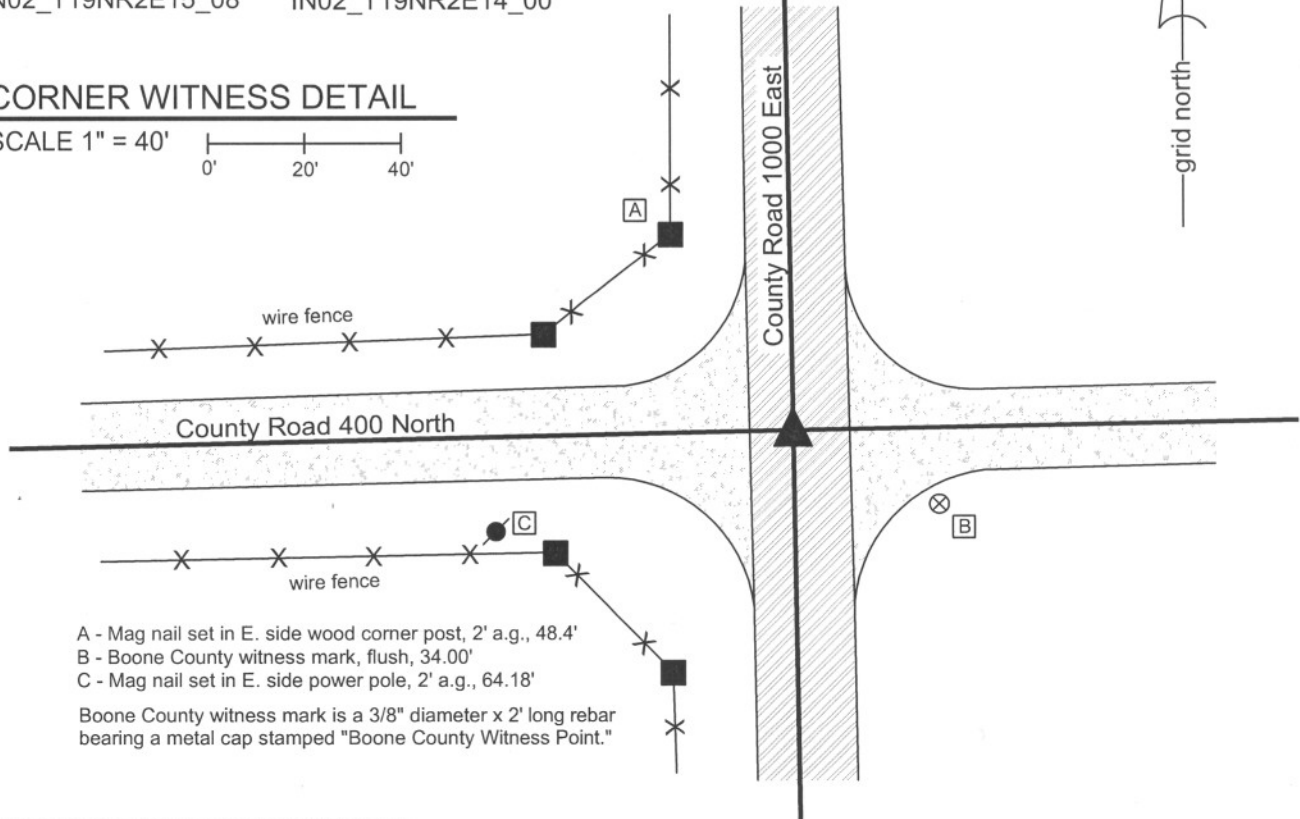
State Plane grid coordinates NAD83 (NSRS 2007):
 North: 1767835.66 East: 3177506.88 (U.S. survey feet)

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

Indiana tie card references:
 IN02_T19NR2E10_80 IN02_T19NR2E11_76
 IN02_T19NR2E15_08 IN02_T19NR2E14_00

CORNER WITNESS DETAIL

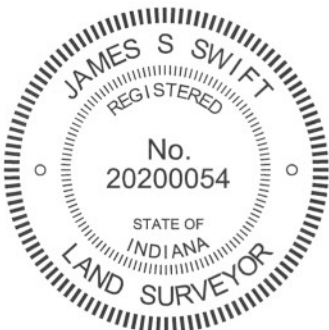
SCALE 1" = 40'
 0' 20' 40'



- A - Mag nail set in E. side wood corner post, 2' a.g., 48.4'
- B - Boone County witness mark, flush, 34.00'
- C - Mag nail set in E. side power pole, 2' a.g., 64.18'

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.
 No references to this corner were found in the old BCS Surveyor's Record. No recent tie cards were found for this corner.
 This corner was excavated on August 27, 2010. Prior to excavation a nail was visible in a hole 1 inch below the surrounding asphalt. Excavation revealed a 1/2 inch diameter rebar found at 6 inches deep, 0.2 foot north of the nail. Further excavation revealed a stone found at 31 inches deep. The stone is fully embedded in the clay layer below the road with the top of the stone at the bottom of the road bed. The stone is 18 inches N-S by 12 inches E-W and approximately 8 inches tall, as measured on the northeast edge. The characteristic of this stone, embedded in the clay and horizontal, rather than vertical, fits the characteristics of other corner stones which appear to have been intentionally set but are either not mentioned in the BCS Surveyor's Record or are mentioned as "a stone that was set" (meaning the stone was found and appeared to be intentionally set). It is presumed that these stones were set by pioneer settlers or surveyors prior to the second half of the 1800s when the common practice was adopted by County Surveyors of setting the stones in a vertical orientation. The stone was left in place and the harrison monument was set over the approximate top, center of the stone. The nail, removed during excavation, had been 0.7 foot north and 1.2 feet east of this point.
 This corner was originally established as a wood post in July, 1821.



Kenneth E. Hedge
 Kenneth E. Hedge, County Surveyor

James S. Swift
 James S. Swift, IN LS 20200054
 July 25, 2011

Marion Township

Section 10 T19N, R2E	Section 11 T19N, R2E
Section 15 T19N, R2E	Section 14 T19N, R2E

PHOTOGRAPHIC DOCUMENTATION

Date of photography: August 27, 2010

View of the stone from above and east.



View of the stone from above and north.



View of the stone from above and west.



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

SECTION CORNER RECORD

NE 450-900

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (NSRS 2007):

North: 1770371.85 East: 3172147.95 (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_T19NR2E09_44

IN02_T19NR2E10_36

CORNER WITNESS DETAIL

SCALE 1" = 40' 

- A - Mag nail set in S. side power pole, 2' a.g., 104.77'
- B - Rebar with plastic cap "Dodge", flush, 17.75'
- C - Boone County witness mark, flush, 26.55'
- D - Mag nail set in N. side power pole, 2' a.g., 94.53'
- E - Boone County witness mark, flush, 40.20'

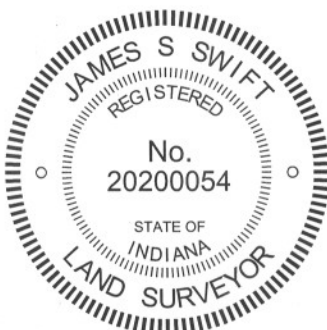
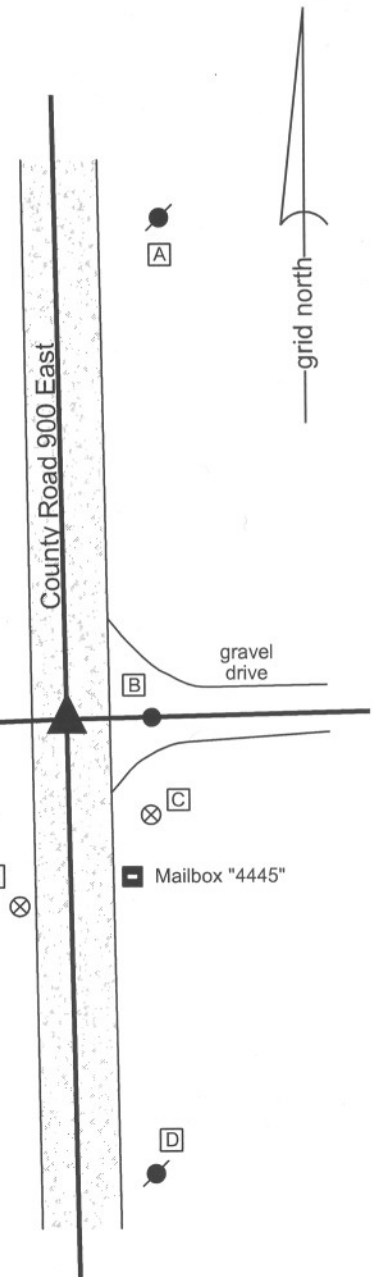
Boone County witness mark is a 3/8" diameter x 2' long rebar bearing a metal cap stamped "Boone County Witness Point."

The harrison monument was set over a stone found.


A BCS record of December 23-24, 1867 states "Reestablished. Set a Rock 20.14 by 8 in. Marked + on West side." No recent BCS tie cards were found referencing this corner.

This corner was excavated on March 22, 2011. Prior to excavation a 5/8 inch diameter rebar was found at 5 inches deep in the gravel road. The was bent, with the bend point being at 5 inches deep. Approximately 5 inches of the rebar existed beyond the bend, indicating that the rebar was once approximately flush with the surface of the gravel road. Excavation revealed the stone described in the 1867 record found at 16 inches deep. With the top 8 inches of the stone exposed it measures 12 inches N-S by 7 inches E-W and appears to be becoming slightly larger with increased depth. The west side of the stone was flat and vertical and an etched "+" mark was clearly visible on the west side, at a point 3 inches down from the top of the stone and in line with the top, high point of the stone. The stone was embedded in the clay layer below the road and remained entirely stable in the clay with the top 8 inches exposed. The stone was left in place and the harrison monument was set over the top, high point of the stone. The top 8 inches of the stone were encased in concrete. The rebar, removed during excavation, had been 1.3 feet east of the stone.

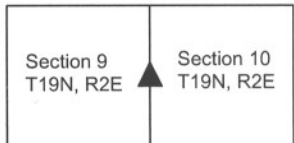
This corner was originally established as a wood post in July, 1821.




 Kenneth E. Hedge, County Surveyor


 James S. Swift, IN LS 20200054
 March 1, 2012, Revised April 30, 2012

Marion Township



PHOTOGRAPHIC DOCUMENTATION

Date of photography: March 22, 2011

View of the stone as found, showing the etched mark on the west side.



View of the stone from above.



View from the south looking across the stone and north along County Road 900 East.



View of the stone from above and west after the stone had dried in the open air briefly.



View of the stone from above shortly before the top was encased in concrete as part of the placement of the harrison monument above it.



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

SECTION CORNER RECORD

NE 450-1000

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):

North: 1770486.57 East: 3177460.76 (U.S. survey feet)

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

Depth: One inch below adjacent road surface

Indiana tie card references:

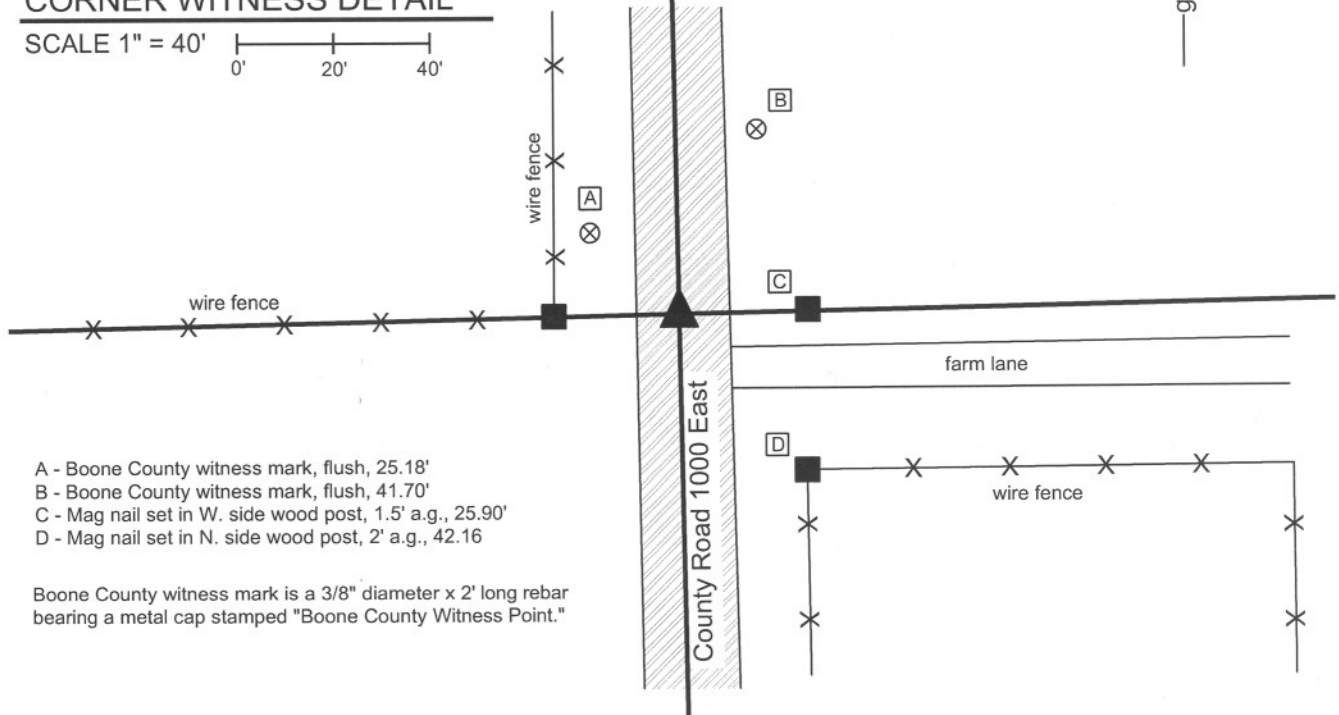
IN02_T19NR2E10_44

IN02_T19NR2E11_36



CORNER WITNESS DETAIL

SCALE 1" = 40'



- A - Boone County witness mark, flush, 25.18'
- B - Boone County witness mark, flush, 41.70'
- C - Mag nail set in W. side wood post, 1.5' a.g., 25.90'
- D - Mag nail set in N. side wood post, 2' a.g., 42.16'

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

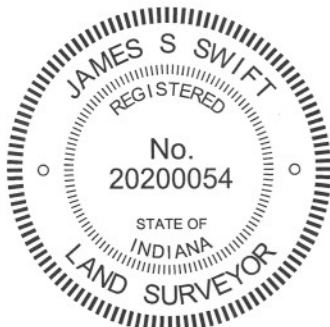
The Harrison monument was set in place of a nail and a rebar found.

No specific descriptions of this corner were found in the BCS Surveyor's Record. The corner is shown as the terminal point for a measurement in 1853. No recent BCS tie cards were found referencing this corner.

This corner was excavated on November 15, 2011. Prior to excavation, a nail in a large washer (shiner) was found in a hole 2 inches deep in the asphalt road. Excavation revealed a 5/8 inch diameter rebar found at 9 inches deep, directly below the nail. The rebar was bent, with four inches of rebar beyond the bend point, indicating that the rebar was originally at 5 inches deep. The rebar was removed and found to be 2 feet long. A small rock was found at 26 inches deep, but was entirely in the fill material of the road bed and did not appear to represent evidence of the corner. A 15 inch long piece of 1/2 inch diameter conduit was found at 3 feet, generally below the nail and rebar. The position of the piece of conduit was disturbed, as found, and could not be specifically determined. Several pieces of broken tile and small rocks were also found generally below the nail and rebar. No other evidence was found in an area of excavation extended 2.5 feet north, 3 feet east, 2.5 feet south, and 2 feet west. Excavation was performed to a minimum of 3.5 feet, into the top of the dense clay layer below the road bed. The nail and rebar fit with the local evidence in the form of the north-south road and the fence to the west.

The were accepted as the best available evidence of the corner and replaced with a Harrison monument set in the same position.

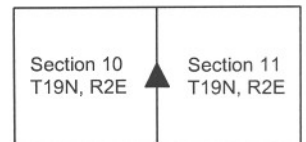
This corner was originally established as a wood post in July, 1821.



Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

James S. Swift
James S. Swift, IN LS 20200054
March 1, 2012

Marion Township



SECTION CORNER RECORD

BOONE COUNTY SURVEYOR'S OFFICE

NE 500-900

State Plane grid coordinates NAD83 (CORS96):
 North: 1773024.11 East: 3172095.34 (U.S. survey feet)

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

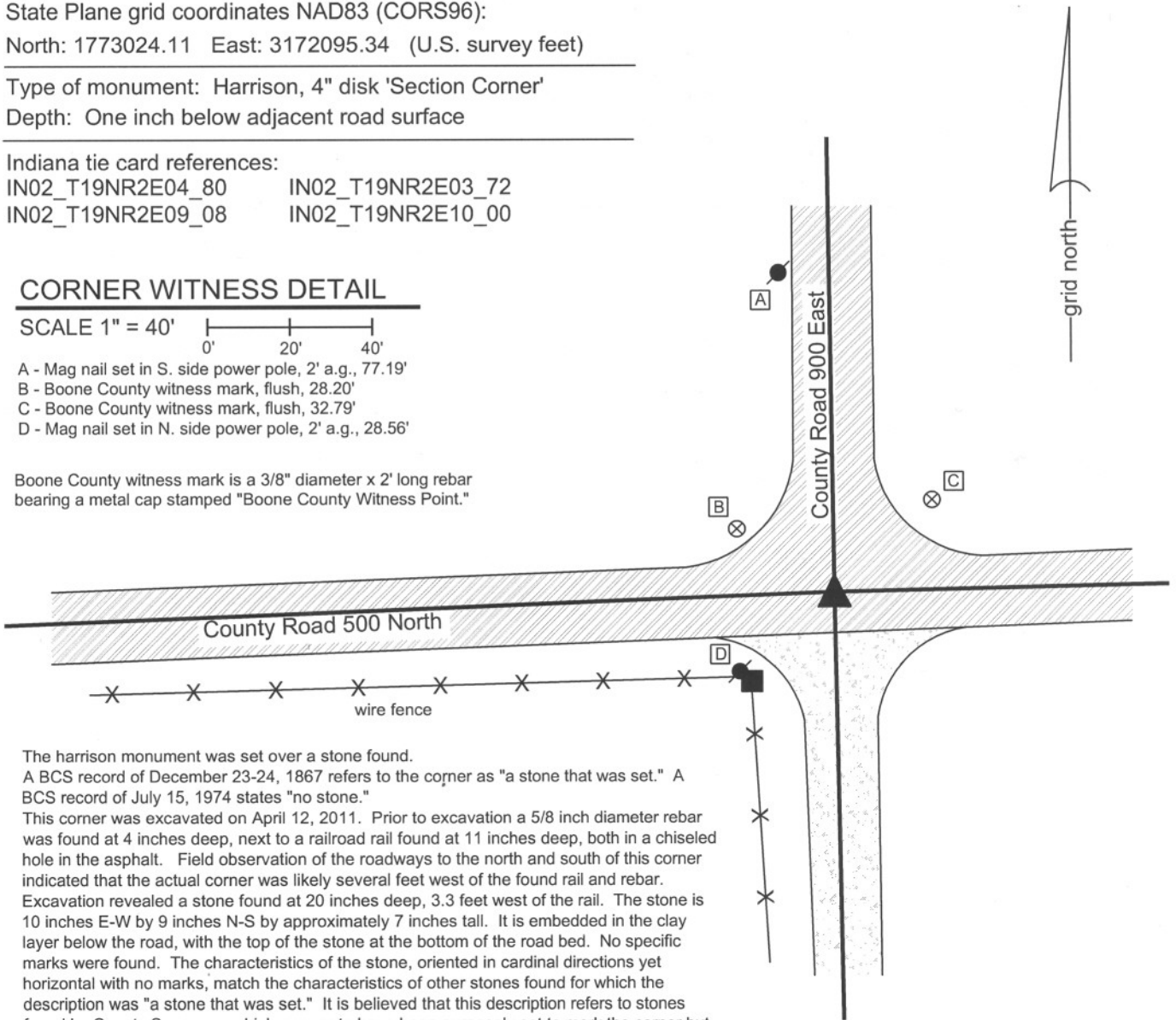
Indiana tie card references:
 IN02_T19NR2E04_80 IN02_T19NR2E03_72
 IN02_T19NR2E09_08 IN02_T19NR2E10_00

CORNER WITNESS DETAIL

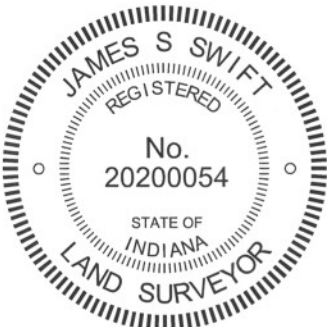
SCALE 1" = 40'

- A - Mag nail set in S. side power pole, 2' a.g., 77.19'
- B - Boone County witness mark, flush, 28.20'
- C - Boone County witness mark, flush, 32.79'
- D - Mag nail set in N. side power pole, 2' a.g., 28.56'

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 December 23-24, 1867 refers to the corner as "a stone that was set." A BCS record of July 15, 1974 states "no stone."
 This corner was excavated on April 12, 2011. Prior to excavation a 5/8 inch diameter rebar was found at 4 inches deep, next to a railroad rail found at 11 inches deep, both in a chiseled hole in the asphalt. Field observation of the roadways to the north and south of this corner indicated that the actual corner was likely several feet west of the found rail and rebar. Excavation revealed a stone found at 20 inches deep, 3.3 feet west of the rail. The stone is 10 inches E-W by 9 inches N-S by approximately 7 inches tall. It is embedded in the clay layer below the road, with the top of the stone at the bottom of the road bed. No specific marks were found. The characteristics of the stone, oriented in cardinal directions yet horizontal with no marks, match the characteristics of other stones found for which the description was "a stone that was set." It is believed that this description refers to stones found by County Surveyors which appear to have been purposely set to mark the corner but which were not set by the County Surveyors. It is likely that this stone was set by pioneer landowners who marked the corner, perhaps upon removal of the original wood post. The position of the stone fits well with local evidence in the form of the county roads extending N,S,E,W from the corner. The stone was left in place and a harrison monument was set over the top, center of the stone. The rebar and railroad rail were removed during excavation.
 This corner was originally established as a wood post in July, 1821.



Kenneth E. Hedge
 Kenneth E. Hedge, County Surveyor

James S. Swift
 James S. Swift, IN LS 20200054
 March 1, 2012

Marion Township

Section 4 T19N, R2E	Section 3 T19N, R2E
Section 9 T19N, R2E	Section 10 T19N, R2E

PHOTOGRAPHIC DOCUMENTATION

Date of photography: April 12, 2011

View of the stone from the east.



View of the stone from above.



View of the stone from the south.



View from the south, looking north along County Road 900 East. The picture below was taken from the same N-S/E-W orientation as the picture to the left, but with the camera raised to capture the view of the road to the north.



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

SECTION CORNER RECORD

BOONE COUNTY SURVEYOR'S OFFICE

NE 500-950

State Plane grid coordinates NAD83 (CORS96):

North: 1773083.46 East: 3174755.04 (U.S. survey feet)

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

Depth: One inch below adjacent road surface

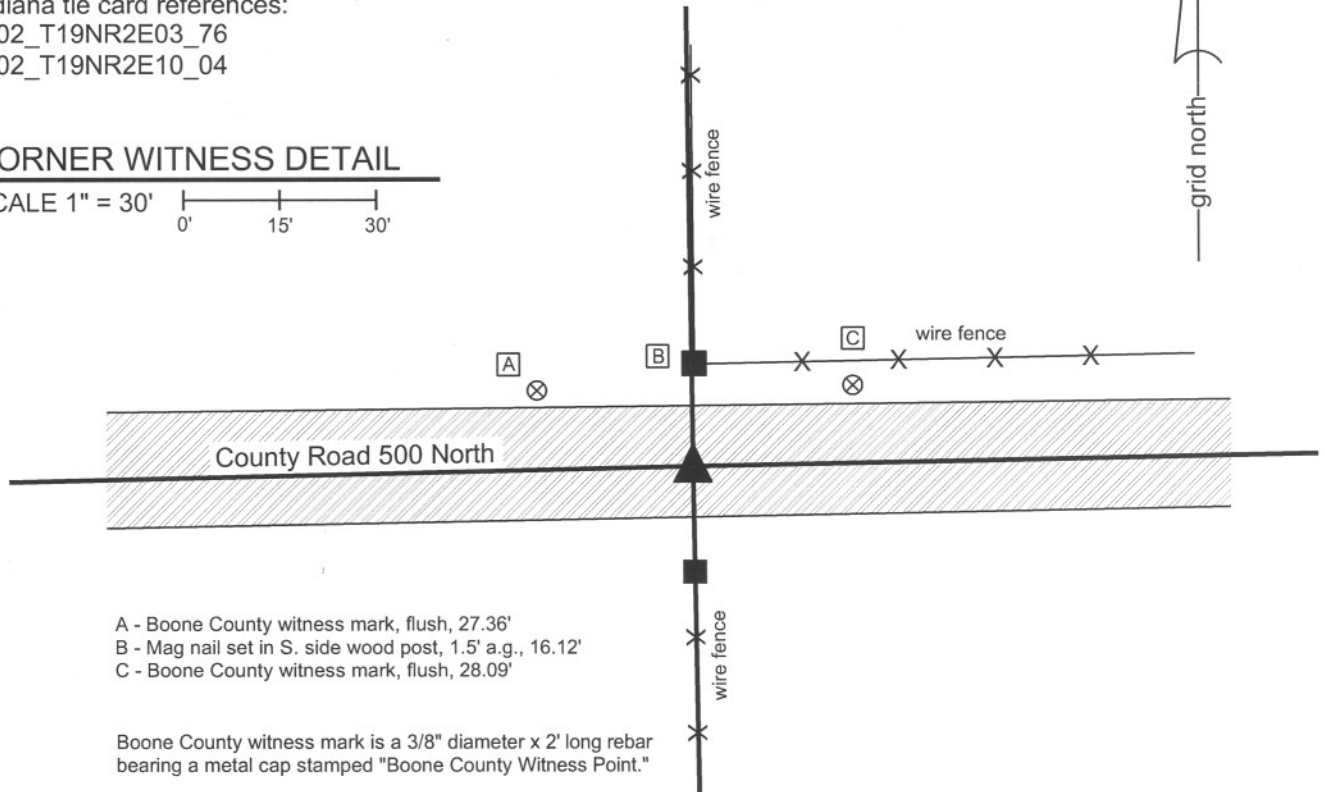
Indiana tie card references:

IN02_T19NR2E03_76

IN02_T19NR2E10_04

CORNER WITNESS DETAIL

SCALE 1" = 30'



- A - Boone County witness mark, flush, 27.36'
- B - Mag nail set in S. side wood post, 1.5' a.g., 16.12'
- C - Boone County witness mark, flush, 28.09'

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

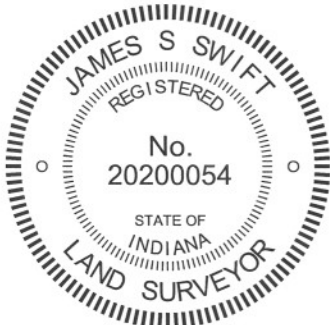
The harrison monument was set at a position midway between two old wood end posts.

Beyond the original establishment of this corner is 1821, the corner is only mentioned in the BCS Surveyor's Record as a terminal point for measurements in 1863. No descriptions of a monument are given. A BCS tie card dated July 24, 1967 shows the corner as a "stone found" but the sketch on this tie card and associated field notes does not match the physical situation at the corner.

This corner was excavated on September 27, 2011. Prior to excavation, no metal monuments were found. Local evidence of the corner was found in the form of the east-west county road and old wood end posts on the north and south sides of the road. The position of the midpoint between the posts fits well with the east-west road and is within 2 feet of being equidistant from the section corners to the east and west. Excavation of the roadway, extending 5 feet north, 2.5 feet east, 2 feet south and 2.5 feet west of the midpoint between the end posts revealed no further evidence of the corner. It was observed that the roadbed consisted of approximately 1 foot of modern fill material between the asphalt surface and clay layer below the road bed. None of the older sandy gravel fill material which is typically found to compose the base of a road bed, being the material originally placed on the old dirt wagon roads in the late 1800s and early 1900s, was found. Only modern material was found. It is possible that a stone which had been present was removed at the time of the grading which would likely have taken place in association with the installation of the modern road bed material.

The corner was established at the midpoint between the old posts found on the north and south sides of the road. A harrison monument was set at this position.

This corner was originally established as a wood post in July, 1821.



Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

James S. Swift
James S. Swift, IN LS 20200054
March 1, 2012

Marion Twp

Section 3
T19N, R2E

Section 10
T19N, R2E

SECTION CORNER RECORD

NE 500-1000

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):

North: 1773132.78 East: 3177418.10 (U.S. survey feet)

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

Depth: One inch below adjacent road surface

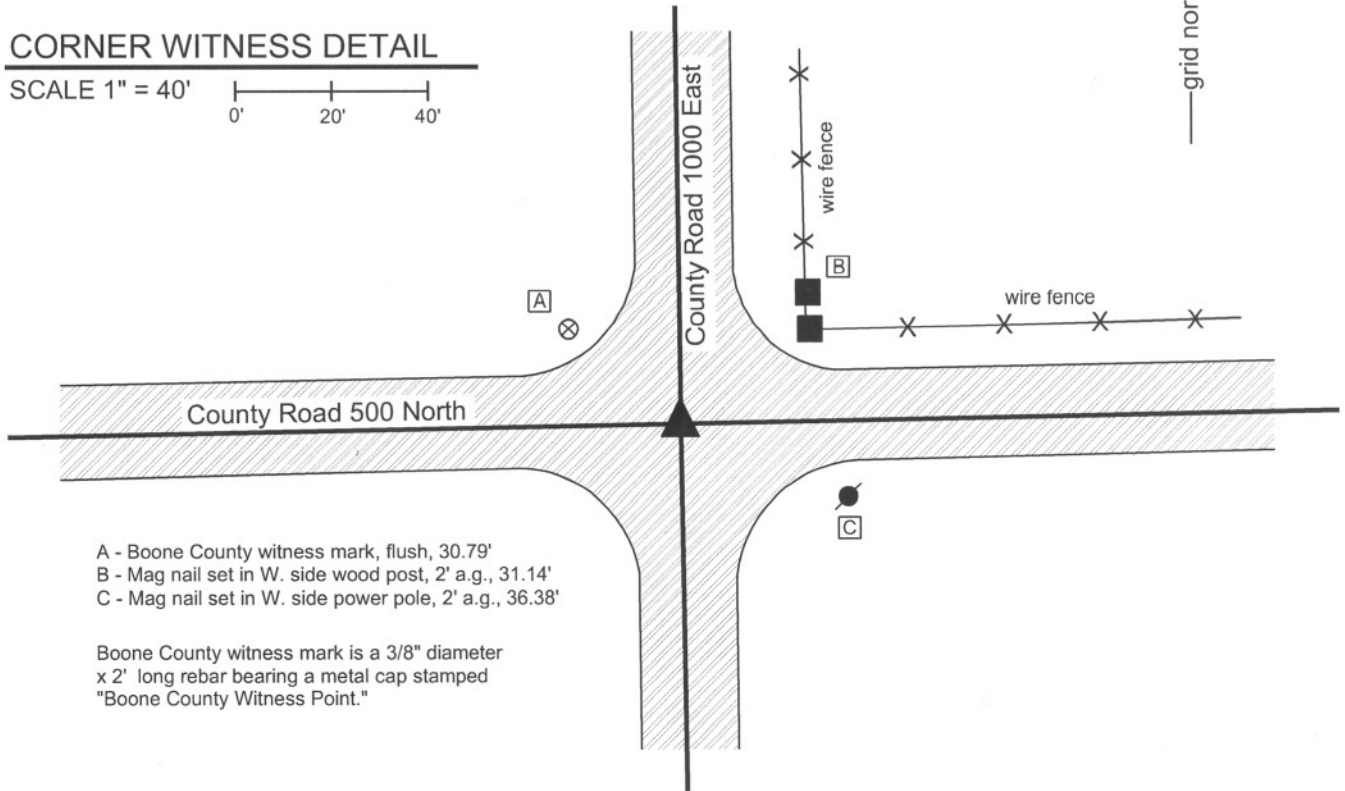
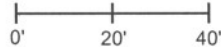
Indiana tie card references:

IN02_T19NR2E03_80 IN02_T19NR2E02_72

IN02_T19NR2E10_08 IN02_T19NR2E11_00

CORNER WITNESS DETAIL

SCALE 1" = 40'



- A - Boone County witness mark, flush, 30.79'
- B - Mag nail set in W. side wood post, 2' a.g., 31.14'
- C - Mag nail set in W. side power pole, 2' a.g., 36.38'

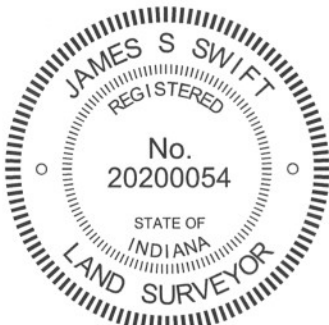
Boone County witness mark is a 3/8" diameter x 2' long rebar bearing a metal cap stamped "Boone County Witness Point."

The harrison monument was set over a stone found.

A BCS record of April 7, 1882 states "Cor. stone marked +." Field notes dated June 1970, for which no tie card was found, state "Set rail." A BCS tie card dated June 19, 1974 states "Found Rail."

This corner was excavated on April 12, 2011. Prior to excavation, a PK nail was found 4 inches deep in a hole in the asphalt. Excavation revealed a vertical section of railroad rail found at 7 inches deep, directly below the PK nail. Further excavation revealed a stone found at 20 inches deep. With 11 inches of the top exposed, the stone measures 10 inches N-S by 6 inches E-W. The full height of the stone was not measured but it is clearly larger, remaining entirely stable in the clay with 10 inches exposed. The stone is embedded in the clay layer below the road protruding 2 inches out of the clay into the bottom of the road bed. The west side of the stone is flat and vertical. No specific marking were identified. The stone has a distinct top, high point which was held as the specific position of the corner. The harrison monument was set over the top high, point. The PK nail and railroad rail, both removed during excavation, had been 2.1 feet west and 1.6 feet north of the corner.

This corner was originally established as a wood post in July, 1821.



Kenneth E. Hedge
 Kenneth E. Hedge, County Surveyor

James S. Swift
 James S. Swift, IN LS 20200054
 March 1, 2012

Marion Township

Section 3 T19N, R2E	Section 2 T19N, R2E
Section 10 T19N, R2E	Section 11 T19N, R2E

PHOTOGRAPHIC DOCUMENTATION

Date of photography: April 12, 2011

View of the stone as first exposed.



View of the stone from the north.



View from the north, looking across the stone and south along County Road 1000 East.



View of the stone from above and east.



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