

SECTION CORNER RECORD

NW 500-450

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1771922.23 East: 3100971.90 (U.S. survey feet)

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

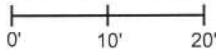
Depth: Three inches above adjacent grade

Indiana tie card references:

IN02_T19NR1W05_76 IN02_T19NR1W08_04

CORNER WITNESS DETAIL

SCALE 1" = 20'



A - The Harrison monument is 0.4' WNW of WNW edge of wood corner post

B - N.W. edge, 28" diameter beech tree, 11.1'

C - W. edge, 14" hackberry tree, 22.4'

The Harrison monument was set at the N.W. edge of a wood corner post and the east edge of a stone found.

A BCS record dated October 9, 1868 states, with respect to this corner, "Found notch in both trees. Found that a stone has been set at poplar bearing and dist from a W Oak that brs S52W, 18 [links] from mark of the stump of true oak witness."

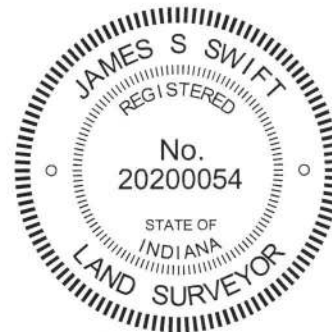
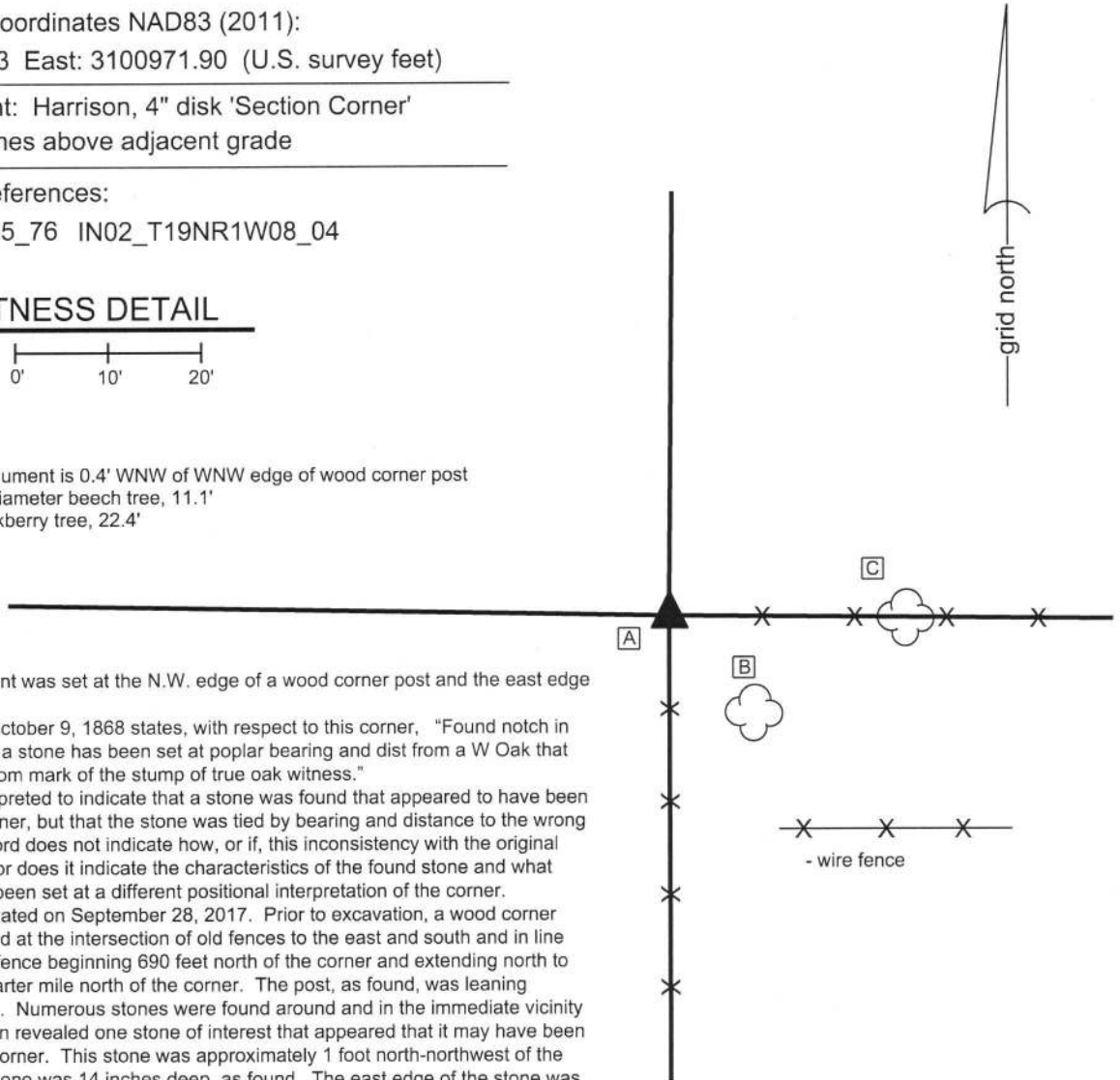
This statement is interpreted to indicate that a stone was found that appeared to have been set as marking the corner, but that the stone was tied by bearing and distance to the wrong bearing tree. The record does not indicate how, or if, this inconsistency with the original notes was resolved, nor does it indicate the characteristics of the found stone and what monument may have been set at a different positional interpretation of the corner.

This corner was excavated on September 28, 2017. Prior to excavation, a wood corner post was found situated at the intersection of old fences to the east and south and in line with an old section of fence beginning 690 feet north of the corner and extending north to approximately one quarter mile north of the corner. The post, as found, was leaning slightly south and east. Numerous stones were found around and in the immediate vicinity of the post. Excavation revealed one stone of interest that appeared that it may have been intended to mark the corner. This stone was approximately 1 foot north-northwest of the post. The top of the stone was 14 inches deep, as found. The east edge of the stone was flat and vertical and an apparent high point was visible on the top of the stone. Given the lack of specificity of the records and the uncertainty reported in the 1868 record, as well as the presence of numerous other rocks in the vicinity, the stone could not be positively identified as marking the corner. The Harrison monument was established at the west edge of the post, between the stone and the post, anchored to the stone and situated partially above the subterranean base of the post. The stone is approximately 0.5 foot west of the monument. The post, at the point where it is flush with the ground, is approximately 0.4 east-southeast of the monument. Hence uncertainties of one-half foot in all directions may be attributed to the position of the corner with respect to the found evidence.

It is observed that this corner falls approximately 12 feet south and 10 feet west of the midpoint between the approximate positions of the original corners to the east and west.

The existing, old fence is held as superior evidence to the straight east-west line.

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



Washington Township

Section 5
T19N, R1W

Section 8
T19N, R1W

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

Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

October 3, 2017

SECTION CORNER RECORD

NW 500-500

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1771968.50 East: 3098340.82 (U.S. survey feet)

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

Depth: One inch below adjacent road surface

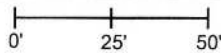
Indiana tie card references:

IN02_T19NR1W06_80 IN02_T19NR1W05_72

IN02_T19NR1W07_08 IN02_T19NR1W08_00

CORNER WITNESS DETAIL

SCALE 1" = 50'



A - Mag nail set in S.E. side power pole, 2' a.g., 143.8'

B - Boone County witness mark, flush, 18.2'

C - Boone County witness mark, flush, 19.4'

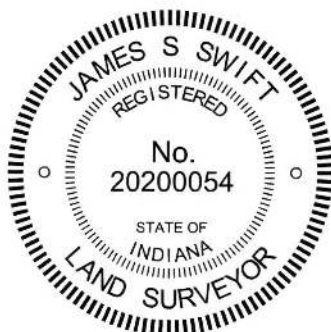
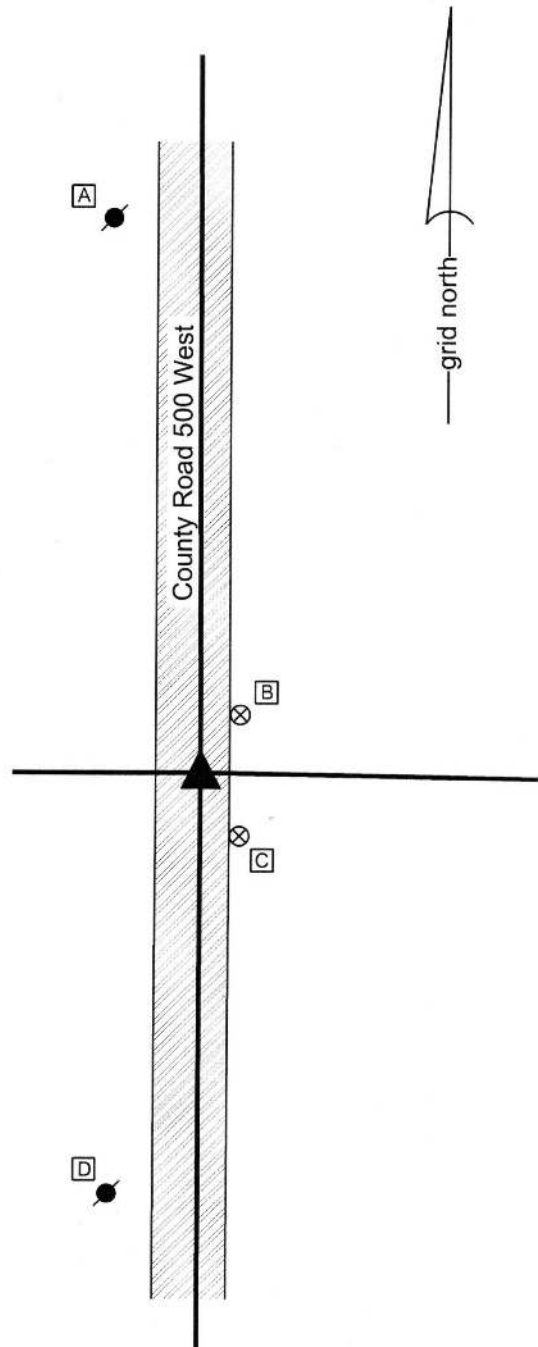
D - Mag nail set in N.E. side power pole, 2' a.g., 109.6'

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 dated January 29-February 1, 1870 states, with respect to this corner, "Reest from both trees. Elm dead cut out notch. Set a rock 16.10.7 +." No modern tie cards were found referencing this corner.

Excavation was performed at this corner on April 24, 2015. Prior to excavation, a Mag nail was found at the surface of the asphalt roadway. Excavation revealed a rebar with a metal cap bearing the name of Carl Anderson at 10 inches deep. The rebar was 1.0 foot west and 0.6 foot north of the Mag nail. Further excavation revealed a stone found at 15 inches deep, east of the other two monuments. With 8 inches of the top of the stone exposed, it measured 10 inches N-S by 8 inches E-W and appeared to be vertical and yet much taller. The stone was fully embedded in the clay layer below the road, with the top of the stone at the bottom of the road bed. The stone has a flap top and an etched "+" mark was visible toward the S.W. edge of the top of the stone. The stone was accepted as representing the monument described in the 1870 record and was held as marking the corner. A Harrison monument was set over the etched mark on the top of the stone. The Mag nail and capped rebar were both removed during excavation. The Mag nail had been 1.2 feet north and 1.9 feet west of the mark on the stone. The rebar had been 1.8 feet north and 2.9 feet west of the mark on the stone. 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, 2016

Washington Township

Section 6 T19N, R1W	Section 5 T19N, R1W
Section 7 T19N, R1W	Section 8 T19N, R1W

SECTION CORNER RECORD

NW 550-500

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1774620.73 East: 3098332.70 (U.S. survey feet)

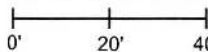
Type of monument: Harrison, 4" disk 'Section Corner'

Depth: One inch below adjacent road surface

Indiana tie card references:

IN02_T19NR1W06_44 IN02_T19NR1W05_36

CORNER WITNESS DETAIL

SCALE 1" = 40' 

- A - Mag nail set in S.E. side power pole, 2' a.g., 30.1'
- B - Mag nail set in S.W. side power pole, 2' a.g., 28.4'
- C - Boone County witness mark, flush, 27.9'

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 one stone found (and removed) and over two other stones found.

A BCS record of August 17, 1860 states, with respect to this corner, "Reest from stump of one tree, and could see where the other tree had stood. Set three rocks. Under one 8.7.3, Middle one 6.5.4, Top one 7.5.4. A subsequent BCS record of September 2, 1886 states "Reestablished from the under Rocks the Top one being out which replaced with one 15.11.9 +. Set witness rock 22 1/2 links West, which is 15.10.5 +...."

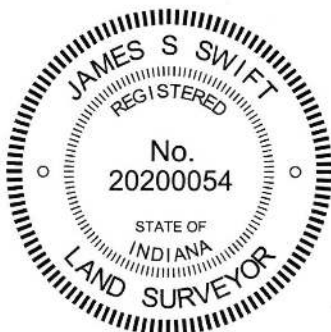
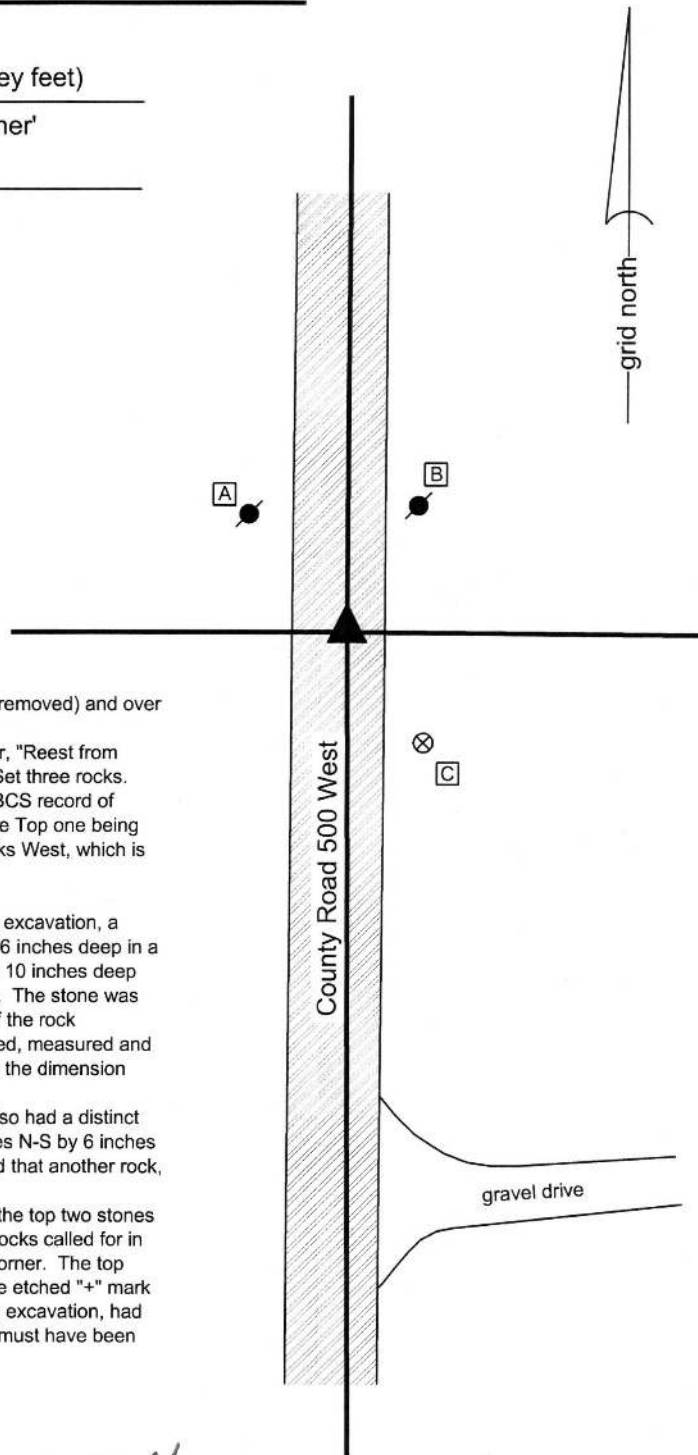
No modern tie cards were found referencing this corner.

Excavation was performed at this corner of April 24, 2015. Prior to excavation, a rebar with a metal cap marked Carl Anderson ENGR was found at 6 inches deep in a hole in the asphalt roadway. Excavation revealed a stone found at 10 inches deep with a distinct "+" mark etched on the top, slightly east of the rebar. The stone was fully embedded in the clay layer below the road bed, with the top of the rock coincident with the bottom of the road bed. The stone was removed, measured and found to be 9 inches tall, by 12 inches by 12 inches, approximating the dimension reported for the rock described in the 1886 record.


Another stone was found directly below the top rock. This stone also had a distinct etched mark on the top. The rock measured approximately 7 inches N-S by 6 inches E-W. The height of the rock was not measured. Probing confirmed that another rock, being the third rock found, was below this stone.

With the presence of three stones, matching the 1886 record, and the top two stones being so clearly marked and approximating the dimensions of the rocks called for in the 1860 and 1886 records, the stones were held as marking the corner. The top most rock was removed and a Harrison monument was set over the etched "+" mark on the second rock found. The capped rebar, also removed during excavation, had been 0.1 foot north and 0.8 foot west of this point, indicating that it must have been driven along or near to the west edge of the found rocks.

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

Washington Township

Section 6 T19N, R1W	Section 5 T19N, R1W
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SECTION CORNER RECORD

NW 600-400

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

Corner 1: North: 1777297.42 East: 3103645.11 (U.S. survey feet)

Corner 2: North: 1777297.40 East: 3103672.75 (U.S. survey feet)

Corner 1: Mag nail with "Boone County Surveyor" washer, flush

Corner 2: INDOT Type B monument, flush with adjacent road

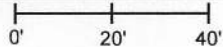
Indiana tie card references:

IN02_T20NR1W33_72 IN02_T20NR1W32_80

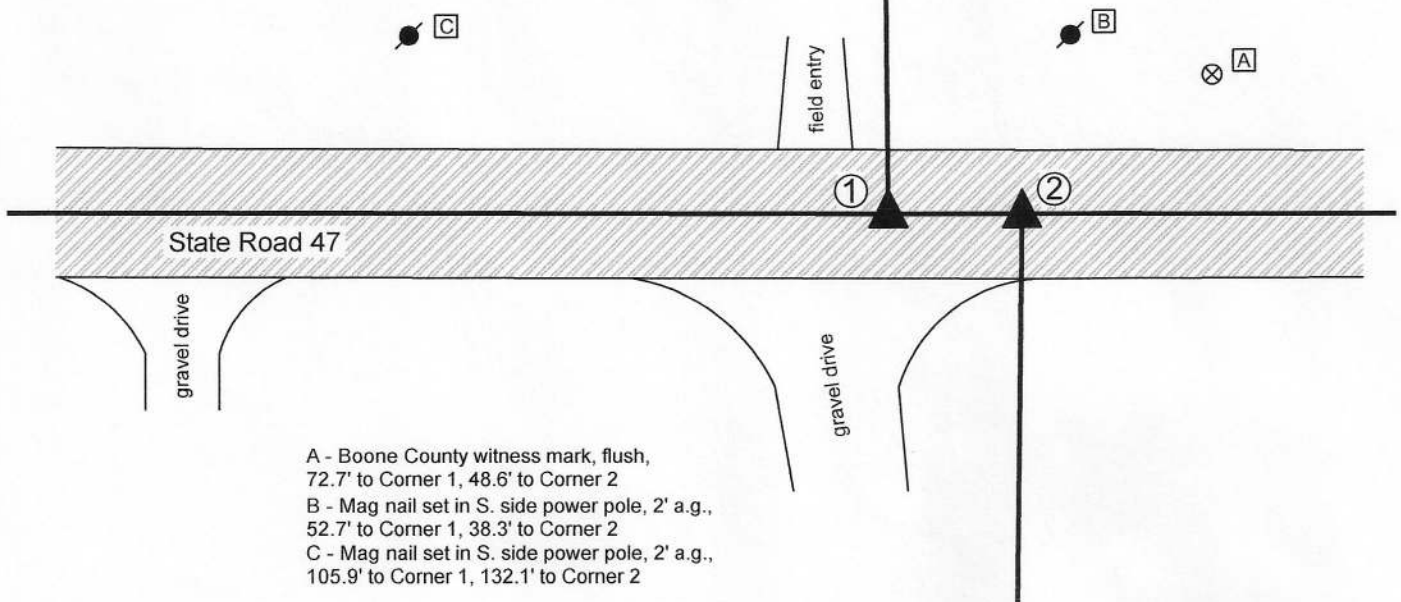
IN02_T19NR1W05_08 IN02_T19NR1W04_00

CORNER WITNESS DETAIL

SCALE 1" = 40'



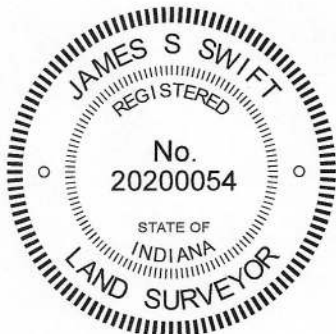
- ① S.E. Corner, Section 32
S.W. Corner, Section 33
T 20 N, R 1 W
 - ② N.W. Corner, Section 4
N.E. Corner, Section 5
T 19 N, R 1 W
- Distance between monuments: 27.64'
Original offset = 42 links (27.72')



- A - Boone County witness mark, flush, 72.7' to Corner 1, 48.6' to Corner 2
- B - Mag nail set in S. side power pole, 2' a.g., 52.7' to Corner 1, 38.3' to Corner 2
- C - Mag nail set in S. side power pole, 2' a.g., 105.9' to Corner 1, 132.1' to Corner 2

The INDOT Type B monument at Corner 2 was found in place and held as the corner. The Mag nail set at Corner 1 was set with respect to information shown on a previous BCS tie card dated June 22, 2005.

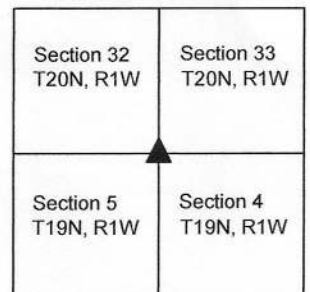
The original federal notes for Township 19 North, Range 1 West note an offset of 42 links east for the closing corner. A BCS Record of April 11-12, 1862, states, with respect to Corner 1, "Found stake set 42 links of Corner, Sects. 4 & 5." No specific descriptions of Corner 2 were found in the BCS Surveyor's record beyond the original establishment of the corner in 1829 and the reference in the 1862 record for Corner 1. A BCS tie card dated June 22, 2005 shows railroad spikes at both corners. It is believed that the railroad spike at Corner 2 was replaced with the Type B monument in 2006. The railroad spike at Corner 1 was not replaced with a monument at that time. Corner 1 was established on the prolongation of the township line as defined by Corner 2 and a Type B monument at the south quarter corner of Section 32 (see BCS Corner NW 600-350) at 27.64 feet, per the 2005 tie card. A Mag nail with washer was set at this position on August 27, 2020. No large scale excavation was performed as these corners fall in a state road. This documentation will be presented to INDOT to request the establishment of an INDOT section corner monument during the next resurfacing project on this part of S.R. 47.



Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

James S. Swift
James S. Swift, IN LS 20200054
September 2, 2020

Washington Township



SECTION CORNER RECORD

NW 600-450

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

Corner 1: North: 1777303.74 East: 3100996.91 (U.S. survey feet)

Corner 2: North: 1777303.73 East: 3101010.78 (U.S. survey feet)

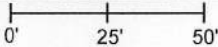
Corner 1: Mag nail with "Boone County Surveyor" washer, flush

Corner 2: INDOT Type B monument, flush

Indiana tie card references:

IN02_T20NR1W32_76 IN02_T19NR1W05_04

CORNER WITNESS DETAIL

SCALE 1" = 50' 

A - Boone County witness mark, flush,
42.3' to Corner 1, 34.3' to Corner 2

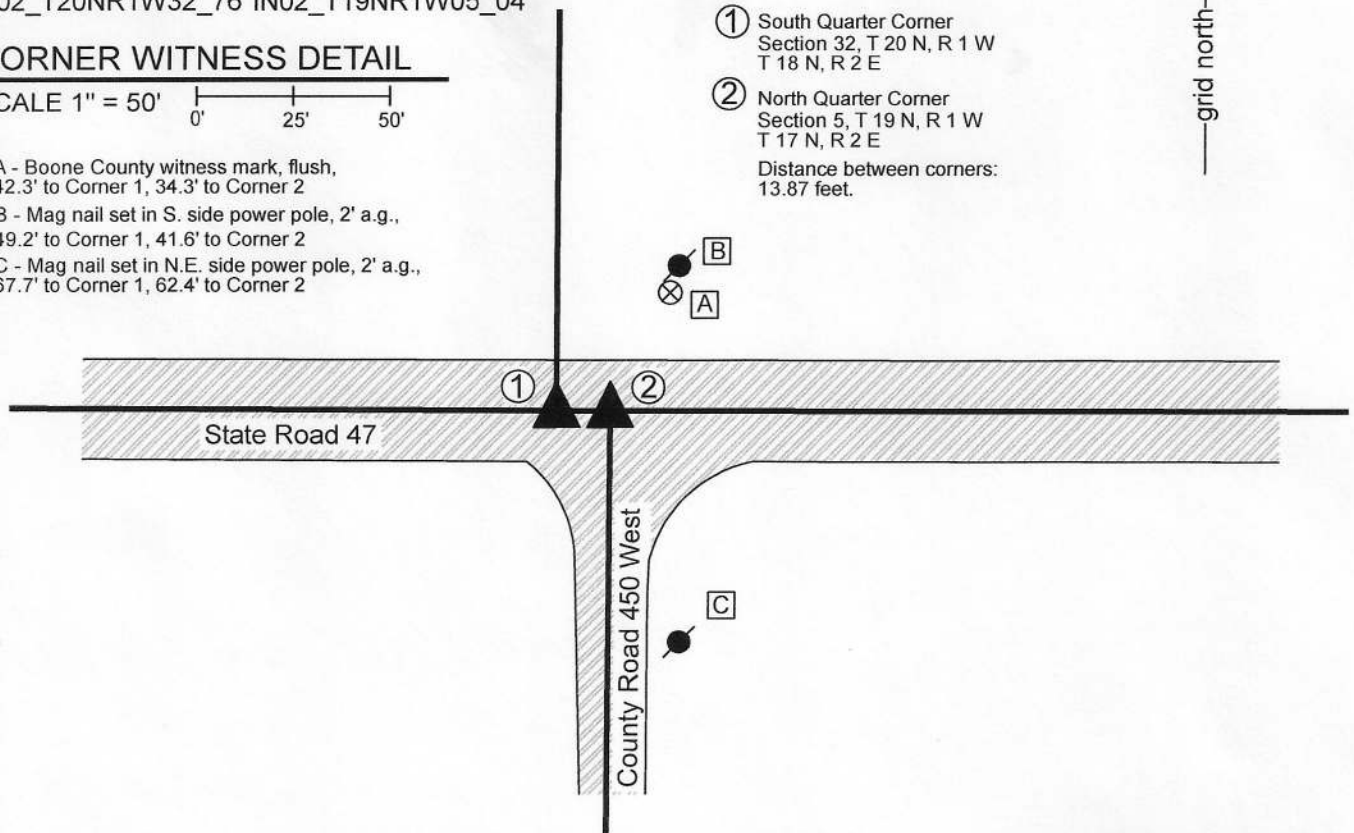
B - Mag nail set in S. side power pole, 2' a.g.,
49.2' to Corner 1, 41.6' to Corner 2

C - Mag nail set in N.E. side power pole, 2' a.g.,
67.7' to Corner 1, 62.4' to Corner 2

① South Quarter Corner
Section 32, T 20 N, R 1 W
T 18 N, R 2 E

② North Quarter Corner
Section 5, T 19 N, R 1 W
T 17 N, R 2 E

Distance between corners:
13.87 feet.



The INDOT Type B monument at Corner 2 was found in place and held as marking the corner. The Mag nail at Corner 1 was set with respect to information shown on a BCS tie card dated June 22, 2005.

Corner 1 was set in 1819. Corner 2 is not an original federal corner. The average of the closing distances for the northeast and northwest corners of section 5 is 21 links, nearly identical to the 13.87 offset shown on the 2005 BCS tie card.

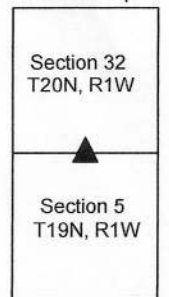
No specific descriptions of Corner 1 were found in the BCS Surveyor's Record beyond the original establishment of the corner in 1819. A BCS Record dated February 6, 1903 states, with respect to Corner 2, "Set Rocks 6 ft. South and 6ft. North of Corner. Also a Rock at B." In this record, "B" refers to Corner 2. The 2005 BCS tie card shows Corner 1 as a PK Nail and Corner 2 as a rebar. It is believed that Corner 2 was replaced with a Type B monument in 2006 during a resurfacing project on State Road 47. No monument was set at Corner 1 at that time. The monument at Corner 2 was held as marking that corner and Corner 1 was established at 13.87 feet west on the township line as defined by Corner 2 and a Mag nail set at the southeast corner of Section 32 (see BCS Corner NW 600-400). A Mag nail with washer was set at this position on August 27, 2020. No large scale excavation was performed as these corner fall in a state road. This documentation will be presented to INDOT to request the establishment of an INDOT section corner monument during the next resurfacing project on this part of S.R. 47.



Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

James S. Swift
James S. Swift, IN LS 20200054
September 2, 2020

Washington
Township



SECTION CORNER RECORD

BOONE COUNTY SURVEYOR'S OFFICE

NW 600-500

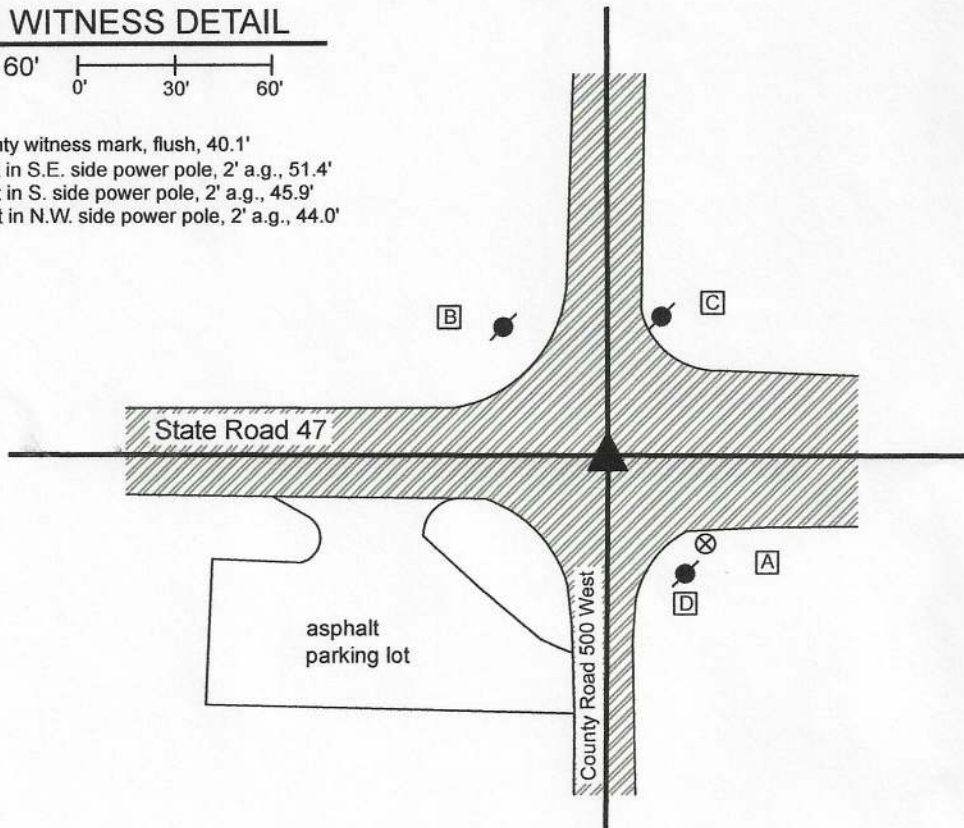
State Plane grid coordinates NAD83 (2011):
 North: 1777316.20 East: 3098345.81 (U.S. survey feet)
 Type of monument: Plug in monument box, INDOT Type B
 Depth: flush with adjacent road surface

Indiana tie card references:
 IN02_T20NR1W31_80 IN02_T20NR1W32_72
 IN02_T19NR1W06_08 IN02_T19NR1W05_00

CORNER WITNESS DETAIL

SCALE 1" = 60'

- A - Boone County witness mark, flush, 40.1'
- B - Mag nail set in S.E. side power pole, 2' a.g., 51.4'
- C - Mag nail set in S. side power pole, 2' a.g., 45.9'
- D - Mag nail set in N.W. side power pole, 2' a.g., 44.0'



The INDOT Type B monument was found in place and held as marking the corner. 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 1819. Though on a township line, this corner represents a common corner for the sections in township 20 north and township 19 north, as the notes for the subdivision of township 19 north, range 1 west, 1829, state that the closing corner fell "at post" and no township line offset was recorded. A BCS tie card dated June 22, 2005 shows the corner as a PK Nail in the center of the intersection of the two roads. At some point between that date and January 2, 2007 (exact date not known), the PK nail was replaced with an INDOT Type B monument in the same position. As this corner falls in a state road, no significant excavation was performed. The INDOT Type B monument is held as marking the corner.



Kenneth E. Hedge
 Kenneth E. Hedge, County Surveyor

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

June 1, 2020

Washington Township

Section 31 T20N, R1W	Section 32 T20N, R1W
Section 6 T19N, R1W	Section 5 T19N, R1W