

SECTION CORNER RECORD

SW 500-600

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

Corner 1: North: 1718964.41 East: 3093332.04 (U.S. survey feet)

Corner 2: North: 1718929.45 East: 3093331.99 (U.S. survey feet)

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

Depth: One inch below adjacent road or ground

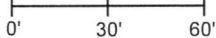
Indiana tie card references:

IN02_T18NR2W25_80 IN02_T18NR1W30_72

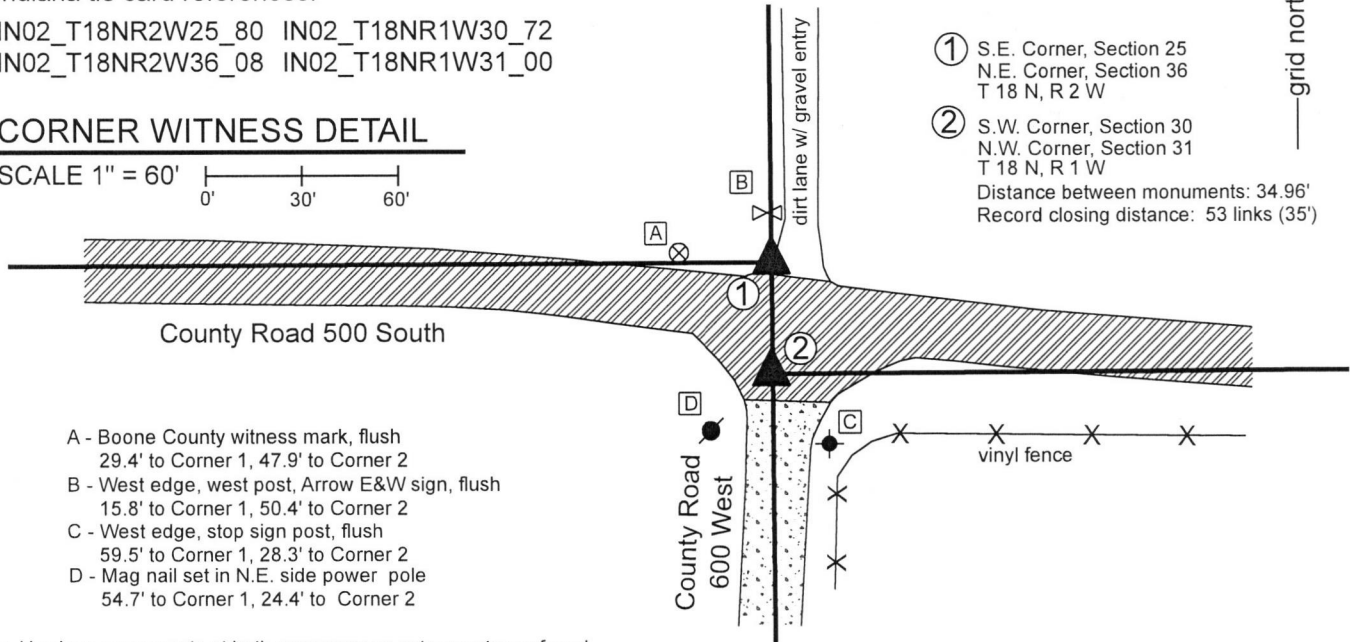
IN02_T18NR2W36_08 IN02_T18NR1W31_00

CORNER WITNESS DETAIL

SCALE 1" = 60'



- ① S.E. Corner, Section 25
N.E. Corner, Section 36
T 18 N, R 2 W
 - ② S.W. Corner, Section 30
N.W. Corner, Section 31
T 18 N, R 1 W
- Distance between monuments: 34.96'
Record closing distance: 53 links (35')



- A - Boone County witness mark, flush
29.4' to Corner 1, 47.9' to Corner 2
- B - West edge, west post, Arrow E&W sign, flush
15.8' to Corner 1, 50.4' to Corner 2
- C - West edge, stop sign post, flush
59.5' to Corner 1, 28.3' to Corner 2
- D - Mag nail set in N.E. side power pole
54.7' to Corner 1, 24.4' to Corner 2

The Harrison monuments at both corners were set over stones found.

A BCS record dated April 22, 1869 states, with respect to Corner 1, "Reest. Set two rocks. One 5.4.3 +. Top one 20.16.10 +." A BCS record dated December 12-13, 1876 states, with respect to Corner 2, Reestablished 53 links S. of Corner Secs. 25 + 36. Rock 15,12,4 + on E. side."

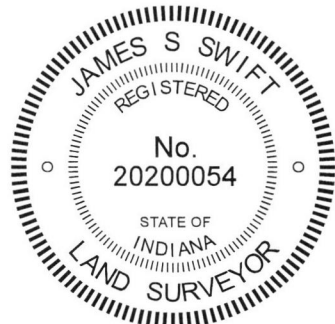
No recent BCS tie cards were found referencing this corner.

Excavation was performed at Corner 2 on August 29, 2018 and excavation was performed at Corner 1 on September 26, 2018.

Prior to excavation, vertical sections of 5/8 inch diameter rebars were found ostensibly marking each corner, separated by 35.2 feet, very close to the record closing distance of 53 links (34.98 feet). Excavation revealed the monuments described in the 1869 and 1876 records at the respective corners. The stone at Corner 1 was found at 12 inches deep, slightly north of the roadway, below the gravel entry for the farm lane to the north. This stone had a distinct etched + mark on the top center. The west side of the stone was exposed and found to be 21 inches tall and another stone was found situated below. The top of rock measured 11 inches N-S by 8 inches E-W and the stone appeared that it is yet larger in both dimensions further down the rock. For purposes of preserving the integrity of the edge of the drive while setting the monument the full N-S, E-W dimensions were not exposed and measured. The stone is clearly the top stone described in the 1869 record and was accepted as marking the corner. A Harrison monument was set over the etched + mark on the top of the rock.

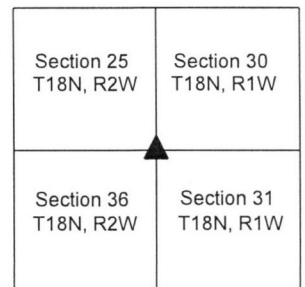
Excavation at Corner 2 revealed the stone described in the 1876 record at 22 inches deep in the road. This stone is 53 links south of the stone at Corner 1, though that fact was only confirmed after the later excavation of Corner 1. The stone is of sandstone material which was breaking up as it was interacted with. No specific marks were found and it is noted that the top of the stone may have previously broken off, due to the soft sandstone material. The top 10 inches of the stone were exposed. At 10 inches below the top of the stone, it measured 12 inches N-S by 4 inches E-W matching two of the dimensions of described in the 1876 record. The stone was left in place and a Harrison monument was set over the top, high point of the stone. The rebars were both removed during excavation. The rebar near Corner 1 had been 3.1 feet south and 1.1 foot west of the mark on the stone. The rebar near Corner 2 had been 3.3 feet south and 0.8 foot west of the high point of the stone found at that corner. It is noted that the Harrison monument set over the stone at Corner 2 is 0.3 foot west of a straight line connecting Corner 1 and the standard corner 1/2 mile south (see Corner SW 550-600). Corner 1 was originally set in 1819 and Corner 2 was originally set in 1820.

Jackson Township



Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

James S. Swift
James S. Swift, IN LS 20200054
October 1, 2018



SECTION CORNER RECORD

SW 550-500

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1716306.60 East: 3098413.26 (U.S. survey feet)

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

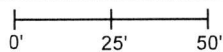
Depth: One inch below adjacent road surface

Indiana tie card references:

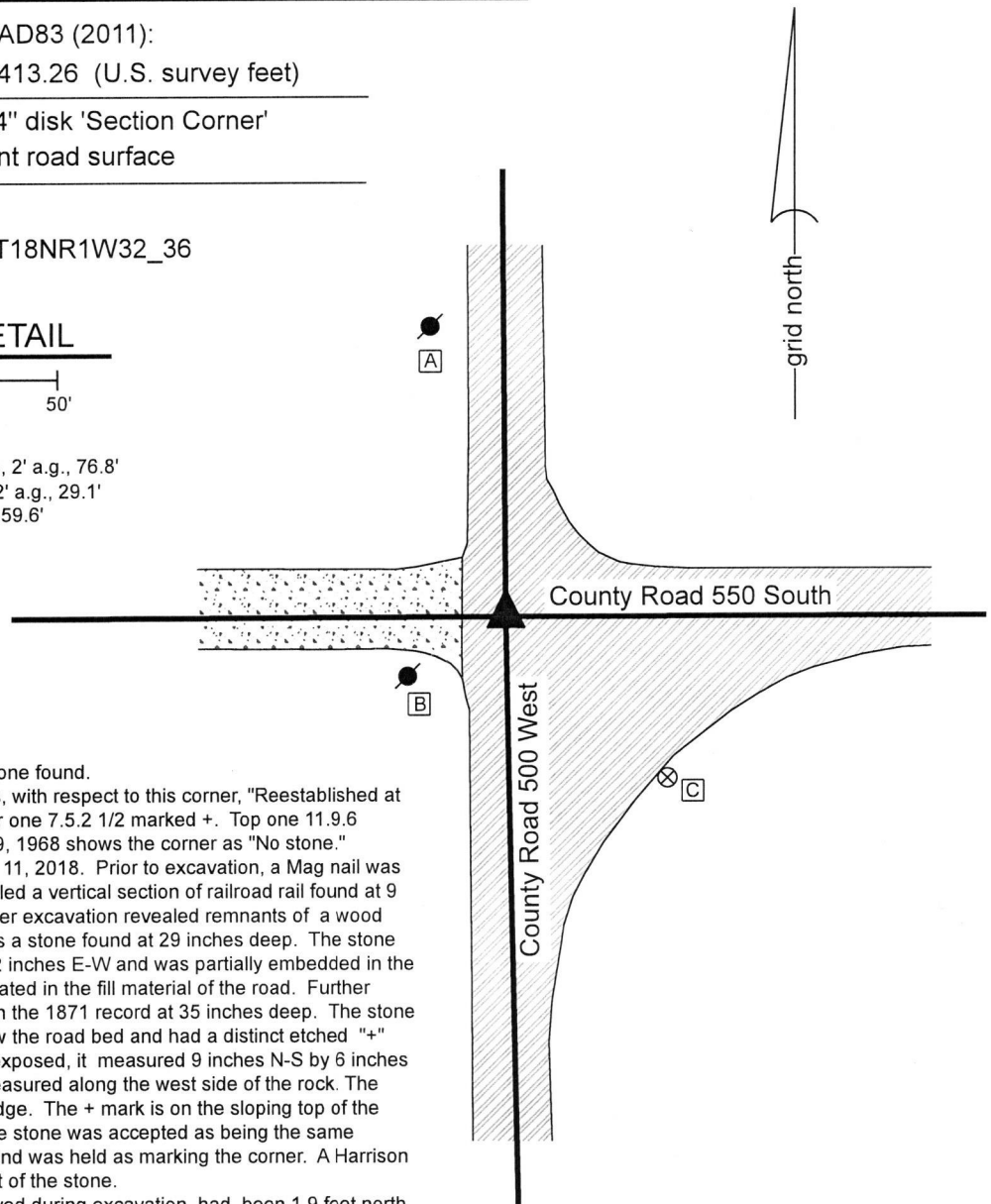
IN02_T18NR1W31_44 IN02_T18NR1W32_36

CORNER WITNESS DETAIL

SCALE 1" = 50'



- A - Mag nail set in S.E. side power pole, 2' a.g., 76.8'
- B - Mag nail set in N. side power pole, 2' a.g., 29.1'
- C - Boone County Witness Mark, flush, 59.6'

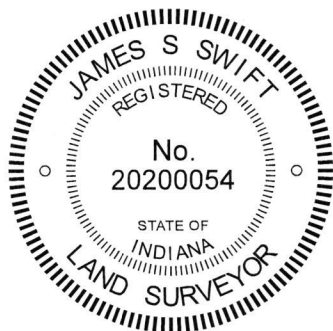


The Harrison monument was set over a stone found.

A BCS record of February 24, 1871 states, with respect to this corner, "Reestablished at intersection of lines. Set two rocks. Under one 7.5.2 1/2 marked +. Top one 11.9.6 marked +." A BCS tie card dated August 9, 1968 shows the corner as "No stone." This corner was excavated on September 11, 2018. Prior to excavation, a Mag nail was found at 2 inches deep. Excavation revealed a vertical section of railroad rail found at 9 inches deep, directly below the nail. Further excavation revealed remnants of a wood stake found at 19 inches, below which was a stone found at 29 inches deep. The stone was 9 inches tall by 7 inches N-S by 3 1/2 inches E-W and was partially embedded in the clay layer below the road and partially situated in the fill material of the road. Further excavation revealed the stone described in the 1871 record at 35 inches deep. The stone was fully embedded in the clay layer below the road bed and had a distinct etched "+" mark. With the top 6 inches of the stone exposed, it measured 9 inches N-S by 6 inches E-W. The full height of 11 inches was measured along the west side of the rock. The highest point of the stone is at the north edge. The + mark is on the sloping top of the stone, slightly south of the high point. The stone was accepted as being the same monument described in the 1871 record and was held as marking the corner. A Harrison monument was set over the top, high point of the stone.

The Mag nail and railroad rail, both removed during excavation, had been 1.9 feet north and 0.5 foot east of the high point of the stone. Though the 1968 tie card does not mention the rail, it is considered most likely that the rail was set in association with the creation of that document. Clearly the statement of "No stone" is erroneous. The wood stake and the non-record stone, both removed during excavation, had been 2.6 feet north and 2.1 feet east of the high point of the record stone.

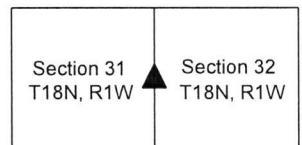
This corner was originally established as a wood post in 1820.



Kenneth E. Hedge
 Kenneth E. Hedge, County Surveyor

James S. Swift
 James S. Swift, IN LS 20200054
 September 19, 2018 (revised March 6, 2019)

Jackson Township



SECTION CORNER RECORD

SW 550-600

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

Corner 1: North: 1716313.98 East: 3093353.63 (U.S. survey feet)

Corner 2: North: 1716296.49 East: 3093353.74 (U.S. survey feet)

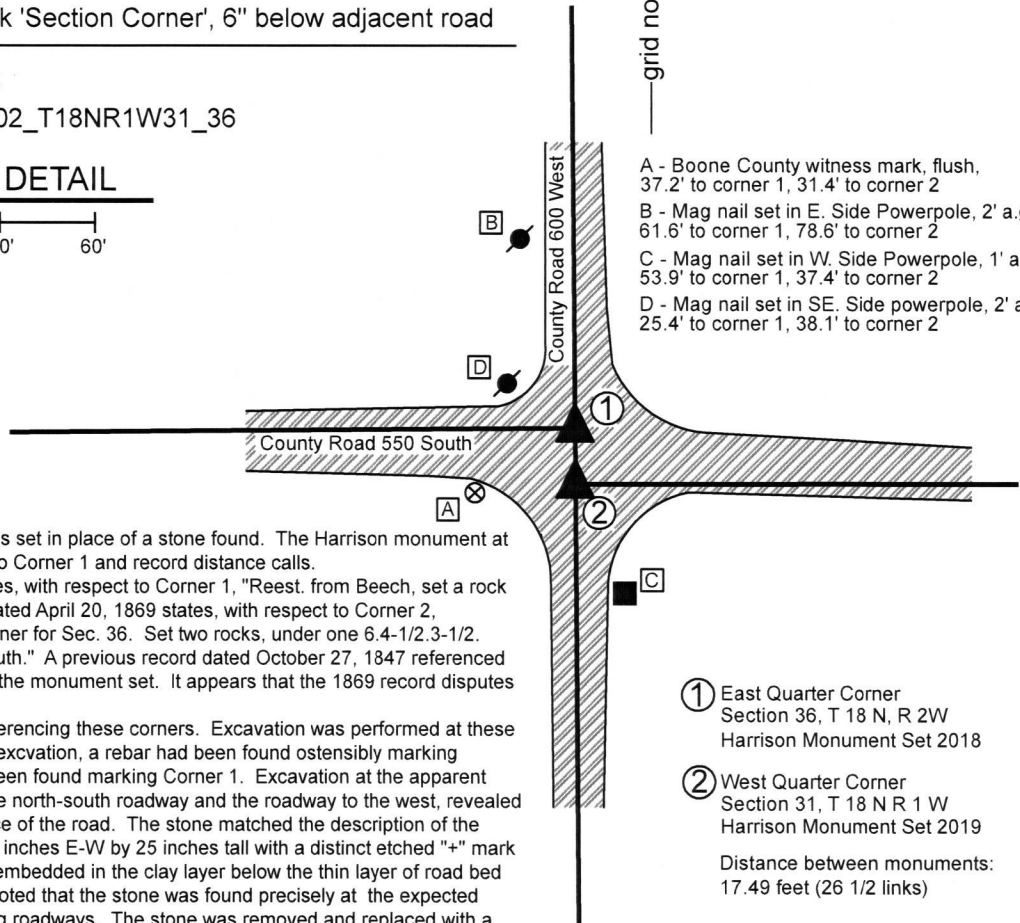
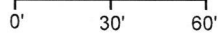
Monument: Harrison, 4" disk 'Section Corner', 6" below adjacent road

Indiana tie card references:

IN02_T18NR2W36_44 IN02_T18NR1W31_36

CORNER WITNESS DETAIL

SCALE 1" = 60'

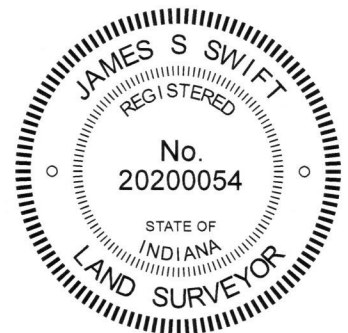


- A - Boone County witness mark, flush, 37.2' to corner 1, 31.4' to corner 2
- B - Mag nail set in E. Side Powerpole, 2' a.g., 61.6' to corner 1, 78.6' to corner 2
- C - Mag nail set in W. Side Powerpole, 1' a.g., 53.9' to corner 1, 37.4' to corner 2
- D - Mag nail set in SE. Side powerpole, 2' a.g., 25.4' to corner 1, 38.1' to corner 2

① East Quarter Corner
Section 36, T 18 N, R 2W
Harrison Monument Set 2018

② West Quarter Corner
Section 31, T 18 N R 1 W
Harrison Monument Set 2019

Distance between monuments:
17.49 feet (26 1/2 links)



The Harrison monument at Corner 1 was set in place of a stone found. The Harrison monument at Corner 2 was established with respect to Corner 1 and record distance calls. A BCS record dated April 22, 1869 states, with respect to Corner 1, "Reest. from Beech, set a rock 25.16, 14 marked +." A BCS Record dated April 20, 1869 states, with respect to Corner 2, "Reestablished 26 1/2 links south of corner for Sec. 36. Set two rocks, under one 6.4-1/2.3-1/2. Top one 16.13.7. Old corner too far south." A previous record dated October 27, 1847 referenced Corner 2 with no specific description of the monument set. It appears that the 1869 record disputes the 1847 record.

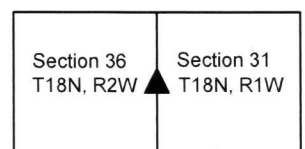
No recent BCS tie cards were found referencing these corners. Excavation was performed at these corner on September 7, 2018. Prior to excvation, a rebar had been found ostensibly marking Corner 2. No recent monuments had been found marking Corner 1. Excavation at the apparent position of Corner 1, per evidence of the north-south roadway and the roadway to the west, revealed a stone found barely beneath the surface of the road. The stone matched the description of the 1869 record, being 14 inches N-S by 16 inches E-W by 25 inches tall with a distinct etched "+" mark on the top center. The stone was well embedded in the clay layer below the thin layer of road bed and appeared to be undisturbed. It is noted that the stone was found precisely at the expected position, per the evidence of the existing roadways. The stone was removed and replaced with a Harrison monument in the same position as the found mark on the top of the stone. The Harrison monument was buried at 6 inches deep in the gravel road.

Excavation at Corner 2 revealed that the previously found rebar was situated adjacent to a section of railroad rail, leaning substantially to the east, the top of which was at 4 inches deep in the road bed. The rebar and rail were situated 0.5 foot east and 1 foot north of the expected position of Corner 2, as determined with respect to the stone found marking Corner 1, the 26 1/2 link reference in the 1869 record and an approximate north-south line determined by the center of County Road 600 West in the vicinity of the township corner approximately 1/2 mile south. Excavation in the position of the found rail/rebar and the expected position for Corner 2 revealed no further evidence. The stones described in the 1869 record were not found. It was observed that the fill material of the road was of a different color and character than that found around the stone at Corner 1. The rebar and rail were removed during excavation. It is noted that sections of railroad rail were typically set by BCS crews of the late 1960s and early 1970s, but no record was found in the Boone County Surveyor's Office documenting the setting of the rail. If a stone was found and removed, in association with the setting of the rail, this information was not documented. Given the precision associated with records of the era of the 1869 record, it is expected that the stones at Corner 2 were indeed set at very close to 26 1/2 links (17.5 feet) south of Corner 1 and that the rail and rebar were set approximately 1 foot north and 0.5 feet east of the position established for Corner 2 in 1869. On September 13, 2019, after establishing the township corner approximately 1/2 mile south (see BCS Corner SW 600-600), a final position for Corner 2 was established on the range line at 26 1/2 links south of Corner 1. A Harrison monument was set at this position on that date. Corner 1 was originally established as a wood post in 1819. Corner 2 is not an original federal corner.

Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor
September 25, 2019

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

Jackson Township



SECTION CORNER RECORD

SW 600-500

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

Corner 2: North: 1713672.76 East: 3098619.36 (U.S. survey feet)

Corner 2: Type of monument: Harrison, 4" disk 'Section Corner'

Depth: One inch below adjacent road surface

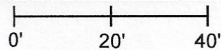
Indiana tie card references:

IN02_T18NR1W32_72 IN02_T18NR1W31_80

IN02_T17NR1W06_08 IN02_T17NR1W05_00

CORNER WITNESS DETAIL

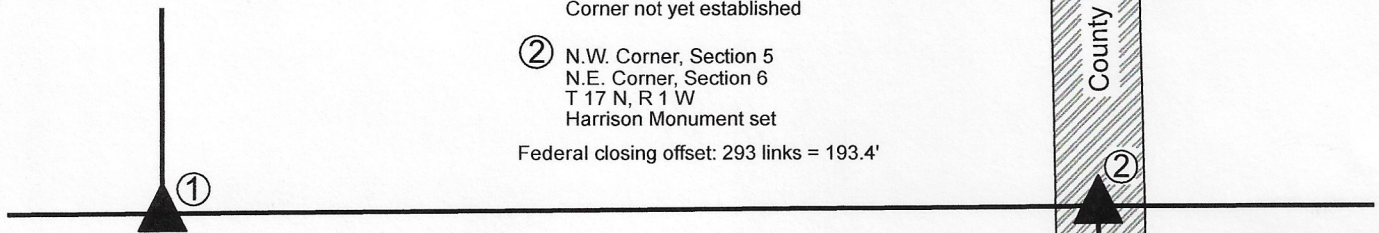
SCALE 1" = 40'



① S.E. Corner, Section 31
S.W. Corner, Section 32
T 18 N, R 1 W
Corner not yet established

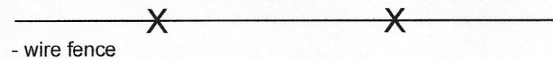
② N.W. Corner, Section 5
N.E. Corner, Section 6
T 17 N, R 1 W
Harrison Monument set

Federal closing offset: 293 links = 193.4'



Ties to Corner 2 only:

- A - Boone County witness mark, flush, 51.3'
- B - Mag nail set in W. side power pole, 2' a.g., 140.8'
- C - Mag nail set in W. side power pole, 2' a.g., 92.9'
- D - Mag nail set in E. side wood corner post, 2' a.g., 74.6'

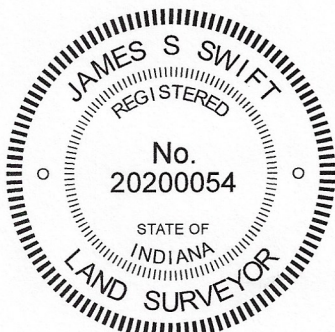


The Harrison monument at Corner 2 was set in place of a Mag Nail and vertical section of railroad rail found. The position of Corner 1 has not yet been precisely established. Corner 1 falls within a residential yard. No local physical evidence of the corner has been found. The precise position of Corner 1 will be established after adjacent corners have been established.

No specific description of Corner 2 was found in the BCS Surveyor's Record beyond the establishment of the corner in 1820. A BCS tie card dated August 9, 1968 shows Corner 2 established in the center of County Road 500 West, in-line with a post on the east side of the road. The tie card states "No Stone." It is noted that the north-south county road does not jog in the east-west dimension as it crosses the township line, but does shift to the west further north, being generally in line with the section lines in Township 18 North at a point approximately 1800 feet north of the corner.

This corner was excavated on October 30, 2020. Prior to excavation, a Mag Nail was found at 4 inches deep in the roadway. Excavation revealed a vertical section of railroad rail found directly below the nail. The rail is believed to be the monument established at the time the 1968 tie card was made. Further excavation of an area extending 2.5 feet north, 2.5 feet south, 3 feet east and 2 feet west of the nail and rail revealed no further evidence of the corner. The bottom of the road bed is at approximately 16 inches below the surface.

Excavation was performed to 18 inches deep. The nail and rail were accepted as the best available evidence of the corner and held as marking the corner. Both monuments were removed and a Harrison monument was set in the same position on October 30, 2020.



Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

James S. Swift
James S. Swift, IN LS 20200054
November 10, 2020

Jackson Township	
Section 31 T18N, R1W	Section 32 T18N, R1W
Section 6 T17N, R1W	Section 5 T17N, R1W

SECTION CORNER RECORD

SW 600-600

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1713661.67 East: 3093370.48 (U.S. survey feet)

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

Depth: Six inches below adjacent road surface

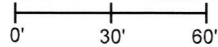
Indiana tie card references:

IN02_T18NR2W36_80 IN02_T18NR1W31_72

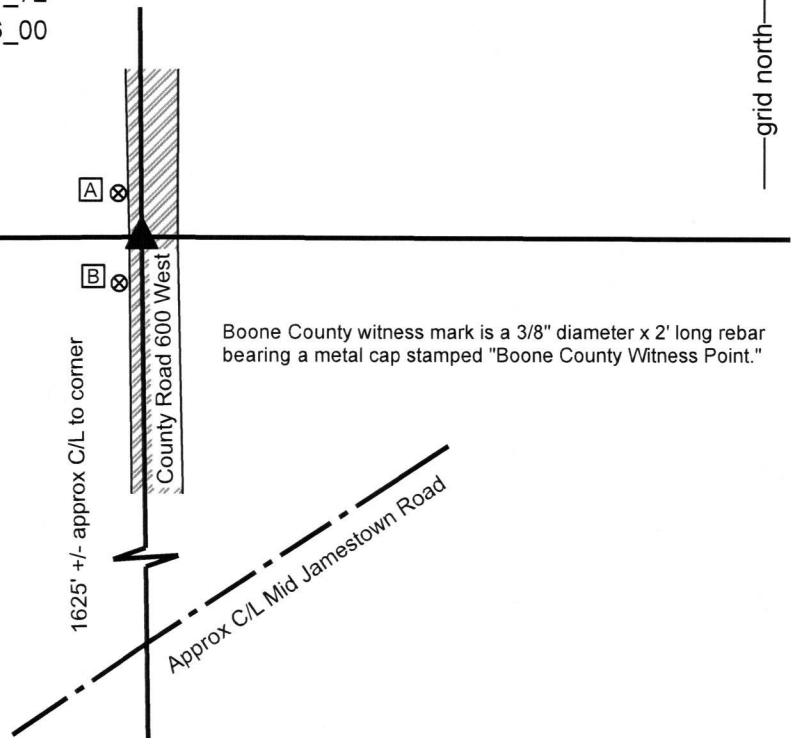
IN02_T17NR2W01_08 IN02_T17NR1W06_00

CORNER WITNESS DETAIL

SCALE 1" = 60'



- A - Boone County witness mark, flush, 15.5'
- B - Boone County witness mark, flush 16.0'



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.

This corner represents the common corner of townships 17 and 18 north, ranges 1 and 2 west, Second Principal Meridian. No specific descriptions of the corner were found in the BCS Surveyor's Record beyond the original establishment of the corner in 1819. No recent BCS tie cards were found referencing the corner, nor were any surveys found in the Office of the Boone County Recorder which reference the corner.

This corner was excavated on September 13, 2019. Prior to excavation, an approximate position for the corner was established with respect to existing fence and post evidence to the east and west. Though no above ground evidence was visible in the immediate vicinity of the corner, beyond the existing north-south roadway, the remote evidence to the east and west worked well from both directions, with minimal uncertainty. Excavation in the area of the computed probable position for the corner revealed three stones found, all in a stack. The top stone was found at 12 inches deep, being a small stone located entirely within the fill material of the road. The second stone was found at 17 inches deep, also in the fill material of the road. This stone measured 10 inches E-W by 12 inches N-S by 9 inches thick. The third stone was found at 27 inches deep directly below the top two. This stone was embedded in the clay layer below the road. It measured 10 inches N-S by 10 inches E-W by 8 inches thick and bore a distinct etched "+" mark on the top, near the northwest edge of the stone. The stones were accepted as representing the best evidence of the corner and were held as marking the corner. The top two stones were removed and the bottom stone was left in place. A Harrison monument was set over the top, center of the bottom stone, slightly southeast of the etched mark. It is noted that the stones were found near the west edge of the road but well in line with the center of the road from a point several hundred feet north to the corner 1/2 mile north. No metal monuments were found prior to or during excavation.



Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

James S. Swift
James S. Swift, IN LS 20200054
September 25, 2019

Jackson Township

Section 36 T18N, R2W	Section 31 T18N, R1W
Section 1 T17N, R2W	Section 6 T17N, R1W