

# SECTION CORNER RECORD

SW 600-1000

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

Corner 1: North: 1713559.98 East: 3072095.16 (U.S. survey feet)

Corner 2: North: 1713560.06 East: 3072114.96 (U.S. survey feet)

Corner 1: Harrison, 4" disk 'Section Corner', 6" below grade

Corner 2: Harrison, 4" disk 'Section Corner', 6" below grade

Indiana tie card references:

IN02\_T18NR2W33\_72 IN02\_T18NR2W32\_80

IN02\_T17NR2W05\_08 IN02\_T17NR2W04\_00

① S.E. Corner, Section 32  
S.W. Corner, Section 33  
T 18 N, R 2 W  
Harrison Monument Set

② N.E. Corner, Section 5  
N.W. Corner, Section 4  
T 17 N, R 2 W  
Harrison Monument Set

Distance between monuments: 30 links = 19.80'

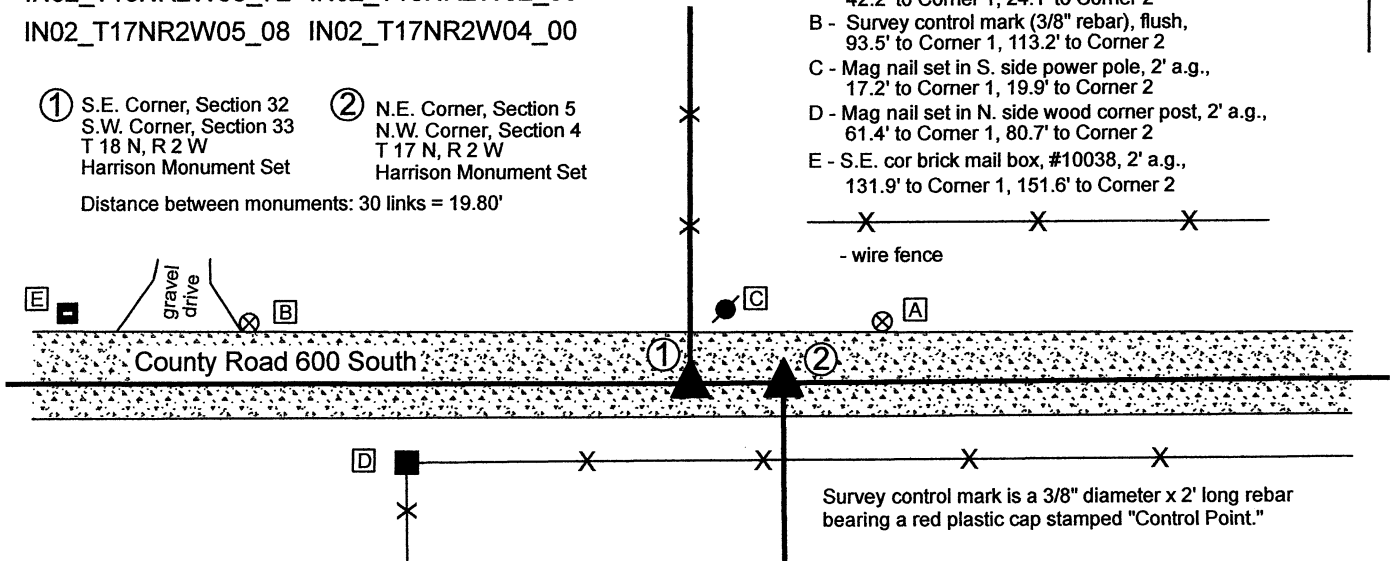
### CORNER WITNESS DETAIL

SCALE 1" = 40'

- A - Survey control mark (3/8" rebar), flush, 42.2' to Corner 1, 24.1' to Corner 2
- B - Survey control mark (3/8" rebar), flush, 93.5' to Corner 1, 113.2' to Corner 2
- C - Mag nail set in S. side power pole, 2' a.g., 17.2' to Corner 1, 19.9' to Corner 2
- D - Mag nail set in N. side wood corner post, 2' a.g., 61.4' to Corner 1, 80.7' to Corner 2
- E - S.E. cor brick mail box, #10038, 2' a.g., 131.9' to Corner 1, 151.6' to Corner 2

- wire fence

grid north

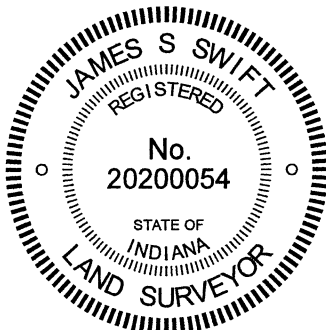


Survey control mark is a 3/8" diameter x 2' long rebar bearing a red plastic cap stamped "Control Point."

The Harrison monument at Corner 1 was set in place of a stone found. The Harrison monument at Corner 2 was set at a calculated position. Corner 1 was originally established as a wood post in 1819. Corner 2 was established in 1820 at a closing distance of 30 links (19.8 feet) east of Corner 1. A BCS record of November 1, 1865 states, with respect to Corner 2, "Found by measuring the lap from cor. 32 & 33, township 18. Set a rock 12.8.6 + mark on S. side. Is very near the edge of a large Oak on S.W." A BCS record of December 13-14, 1894 states, with respect to Corner 1, "Reestablished from lap. Set Rock + 14.10.10. Corner Rock Sects 4 & 5 East 30 [links]." It is noted that the term "lap" refers to the offset between corners on a township or range line. It is also noted that in 1865, some object, perhaps the original wood post, must have been present at Corner 1, from which Corner 2 was established. This object was evidently no longer present in 1895, at which time Corner 1 was established relative to the position of the rock at Corner 2. Both records clearly indicate that the corners were set at 30 links (19.8 feet) apart, which is the same closing offset noted in the 1820 federal field notes. No recent BCS tie cards were found referencing the corner. Surveys by William J. Hudson, recorded as Miscellaneous Record 139, pages 939 - 945 in the Office of the Boone County Recorder, call Corner 2 as a railroad spike set with a statement that this position was established by a previous survey, with no reference information about the previous survey.

These corners were excavated on March 19, 2021. Prior to excavation, a rebar with red plastic cap (marking illegible) was found ostensibly marking Corner 1. No metal monument was found marking Corner 2. Excavation revealed a stone found at Corner 1 at 6 inches deep. The stone measured 14 inches tall by 8 inches N-S by 4 inches E-W. The stone had clearly been broken previously, presumably by road grading equipment, which may account for the variation between the measured size and that which was noted in 1895. The stone was adjacent to the found rebar, in line with the old fence to the north. Excavation of an area 10 feet E-W by 4 feet N-S at Corner 2 revealed no further evidence of that corner. The position held by Hudson appears to have been approximately 7 feet west of a position 30 links East of Corner 1. Excavation at Corner 2 encompassed both the computed Hudson position and the computed position 30 links East of Corner 1. Deeds for land in section 4 and 5 either use the description created by Hudson, which calls for the fence shown on this drawing, west of both corners, or use acreage calls which are inconclusive with respect to the position of Corner 2. The stone at Corner 1 was held as marking that corner. Corner 2 was established at 30 links east, per the federal field notes and two previous BCS records. The fact that no stone was found at Corner 2 may be due to the large Oak tree noted in the 1865 record. That tree is clearly no longer present, and its removal may have also removed the stone. It is also noted that the stone found at Corner 1 had clearly been damaged in the past. Road grading equipment may have also removed the stone at Corner 2.

A Harrison monument was set in place of the found stone at Corner 1 on March 19, 2021. A Harrison monument was set at Corner 2, at the computed position 30 links east of Corner 1, on September 14, 2021.



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

*James S. Swift*  
James S. Swift, IN LS 20200054  
September 15, 2021

### Jackson Township

Section 32 T18N, R2W	Section 33 T18N, R2W
Section 5 T17N, R2W	Section 4 T17N, R2W

# SECTION CORNER RECORD

# SW 600-1050

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

Corner 1: North: 1713563.98 East: 3069424.56 (U.S. survey feet)

Corner 2: North: 1713563.91 East: 3069471.75 (U.S. survey feet)

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

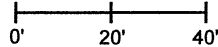
Depth: 6" below adjacent gravel road surface.

Indiana tie card references:

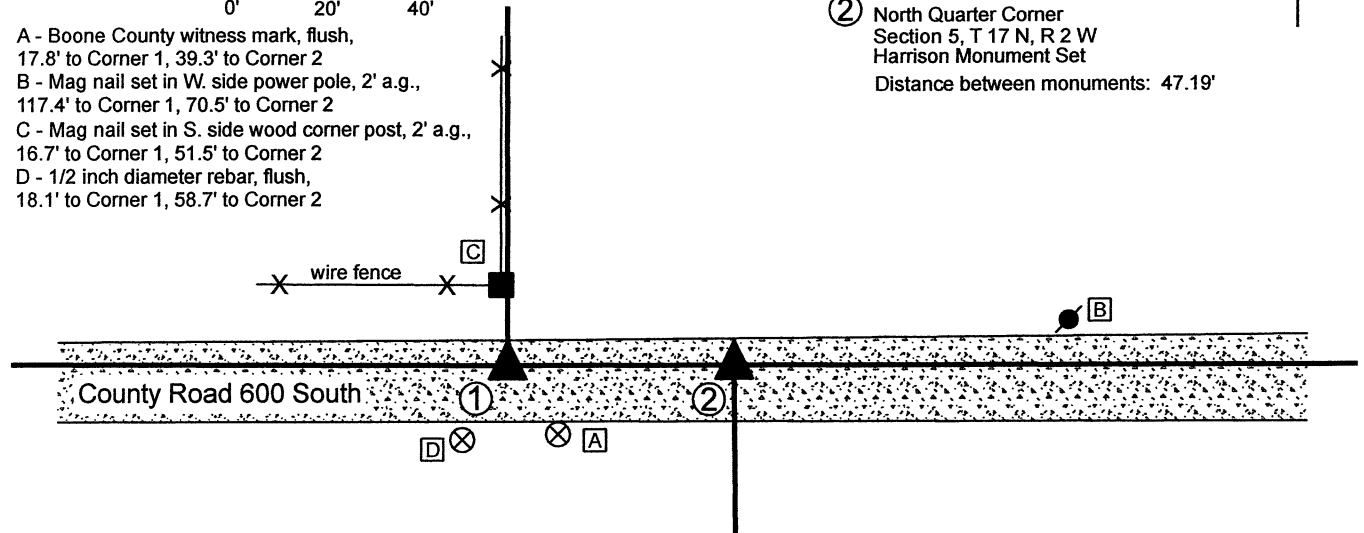
IN02\_T18NR2W32\_76 IN02\_T17NR2W05\_04

### CORNER WITNESS DETAIL

SCALE 1" = 40'



- A - Boone County witness mark, flush, 17.8' to Corner 1, 39.3' to Corner 2
- B - Mag nail set in W. side power pole, 2' a.g., 117.4' to Corner 1, 70.5' to Corner 2
- C - Mag nail set in S. side wood corner post, 2' a.g., 16.7' to Corner 1, 51.5' to Corner 2
- D - 1/2 inch diameter rebar, flush, 18.1' to Corner 1, 58.7' to Corner 2



- ① South Quarter Corner  
Section 32, T 18 N, R 2 W  
Harrison Monument Set
- ② North Quarter Corner  
Section 5, T 17 N, R 2 W  
Harrison Monument Set  
Distance between monuments: 47.19'

The Harrison monuments at both corners were set in place of 1/2-inch diameter rebars found.

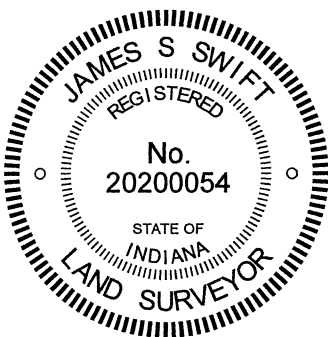
A BCS record of December 13-14, 1894 states, with respect to Corner 1, "Point from which 1/4 sect. cor. Sec. 5 bears east 71 [links]. A BCS record of January 1, 1894 states, with respect to Corner 2, "Set Rock 15,11,8 at corner. Set Rock + 8,12,12 under."

A BCS tie card dated January 18, 1994 shows both corners as railroad spikes, 47.19 feet apart. It is noted that the offset of 47.19 feet matches the average of the original federal closing distances (71.5 links) for the northeast and northwest corners of Section 5 but is 1/2 link (0.33 foot) greater than the offset called in the December, 1894 record. The adjacent land to the north is platted as Countrytime Minor Plat, Instrument 0406200, Boone County Recorder. This plat shows both corners as rebars found.

These corners were both excavated on March 29, 2021. Prior to excavation, 1/2-inch diameter rebars were found marking both corners. These monuments agreed with the positions shown on the 1994 BCS tie card and also shown on the Countrytime Minor Plat. Excavation revealed no further evidence of either corner. The stones called in the January 1894 record were not found, though it is noted that the road bed in the immediate vicinity of Corner 2 had clearly been disturbed previously. Generally, the road bed in this immediate vicinity is of minimal thickness, but an area of sandy, gravel material was found to extend much deeper in the immediate vicinity of the rebar marking Corner 2. Perhaps this material represents the position of the two stones which had been previously removed. It is also evident that the railroad spikes called in the 1994 tie card have been replaced with 1/2-inch diameter rebars at some point.

The found rebars were held as marking the respective corners. These monuments were removed and replaced with Harrison monuments in the same positions on March 29, 2021.

Corner 1 was originally established as a wood post in 1819. Corner 2 is not an original federal corner.



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

*James S. Swift*  
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 James S. Swift, IN LS 20200054  
 April 21, 2021

Jackson Township

Section 32  
T18N, R2W

Section 5  
T17N, R2W

# SECTION CORNER RECORD

SW 600-1100

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

Corner 1: North: 1713571.45 East: 3066759.63 (U.S. survey feet)

Corner 2: North: 1713571.24 East: 3066834.21 (U.S. survey feet)

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

Depth: Six inches below adjacent road surface

Indiana tie card references:

IN02\_T18NR2W32\_72 IN02\_T18NR2W31\_80

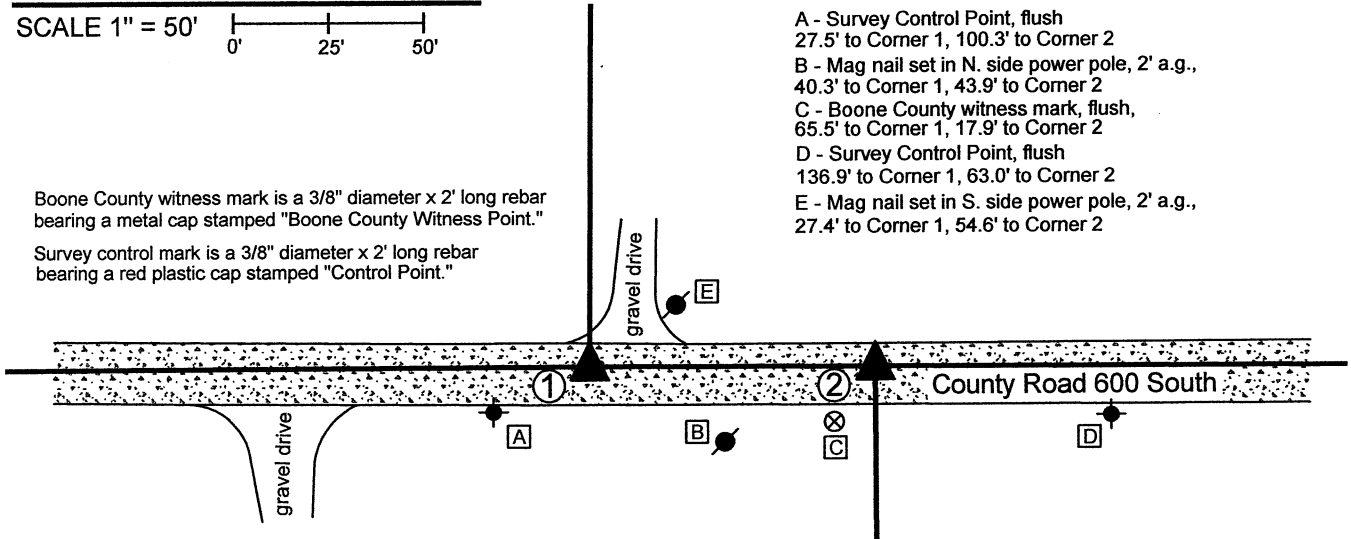
IN02\_T17NR2W06\_08 IN02\_T17NR2W05\_00

### CORNER WITNESS DETAIL

SCALE 1" = 50'

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

Survey control mark is a 3/8" diameter x 2' long rebar bearing a red plastic cap stamped "Control Point."



① S.E. Corner, Section 31  
S.W. Corner, Section 32  
T 18 N, R 2 W  
Harrison Monument Set

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

Distance between monuments:  
74.58' = 113 links



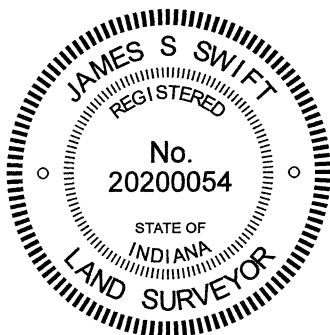
- A - Survey Control Point, flush  
27.5' to Corner 1, 100.3' to Corner 2
- B - Mag nail set in N. side power pole, 2' a.g.,  
40.3' to Corner 1, 43.9' to Corner 2
- C - Boone County witness mark, flush,  
65.5' to Corner 1, 17.9' to Corner 2
- D - Survey Control Point, flush  
136.9' to Corner 1, 63.0' to Corner 2
- E - Mag nail set in S. side power pole, 2' a.g.,  
27.4' to Corner 1, 54.6' to Corner 2

The Harrison monument at Corner 2 was set in place of a stone found. The Harrison monument at Corner 1 was set 113 links west of the stone found at Corner 2. No specific descriptions of Corner 1 were found in the Boone County Surveyor's Record beyond the original establishment of the corner as a wood post in 1819. A BCS record of December 14-15, 1870 states, with respect to Corner 2, "Reestablished. Set a Rock. 14.10.9 marked +." It is noted that the original federal field notes call for a closing offset of 113 links East for these corners.

A BCS tie card dated January 19, 1994 shows Corner 1 as a rebar and Corner 2 as a 1/2-inch rebar at the federal closing distance of 74.58 feet (113 links) apart. Corner 1 is shown in-line with a post on the north side of the road.

These corners were both excavated on March 19, 2021. Prior to excavation, the rebars shown on the 1994 tie card were found, slightly disturbed. Excavation at Corner 1 did not reveal further evidence of the corner. Excavation at Corner 2 revealed a large stone found at 6 inches deep in the road, slightly northwest of the 1/2-inch rebar referenced in the 1994 tie card. The top of the stone, as found was 18 inches E-W by 16 inches N-S. The stone was removed from the road and found to be, in full measure, 26 inches tall by 24 inches E-W by 16 inches N-S. The stone was fully embedded in the clay layer below the road bed, was vertical and oriented in cardinal directions. No specific marks were observed on the stone. This is not the monument referenced in the 1870 BCS record but is clearly a monument set with the purpose of marking the corner. The top, center of the stone was held as the specific position of Corner 2. The stone was removed and replaced with a Harrison monument in the same position on March 19, 2021. The position of Corner 1 was established on the westerly prolongation of the line connecting Corner 2 with a Harrison monument marking the standard corner 1/2 mile east (see BCS Corner SW 600-1050) at the record federal offset of 113 links or 74.58 feet. A Harrison monument was set at this position on April 19, 2021. It is noted that this position falls in-line with the existing occupation line to the north, which is trees with fragments of fence.

With respect to the monuments found prior to excavation and called in the 1994 tie card, the rebars (removed during excavation) had been 2.5 feet south and 2.5 feet east of the respective positions marked with Harrison monuments.



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

*James S. Swift*  
James S. Swift, IN LS 20200054  
April 21, 2021

Jackson Township

Section 31 T18N, R2W	Section 32 T18N, R2W
Section 6 T17N, R2W	Section 5 T17N, R2W

# SECTION CORNER RECORD

# SW 700-1000

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1708250.11 East: 3072176.60 (U.S. survey feet)

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

Depth: Six inches below adjacent gravel road surface

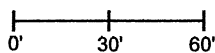
Indiana tie card references:

IN02\_T17NR2W05\_80 IN02\_T17NR2W04\_72

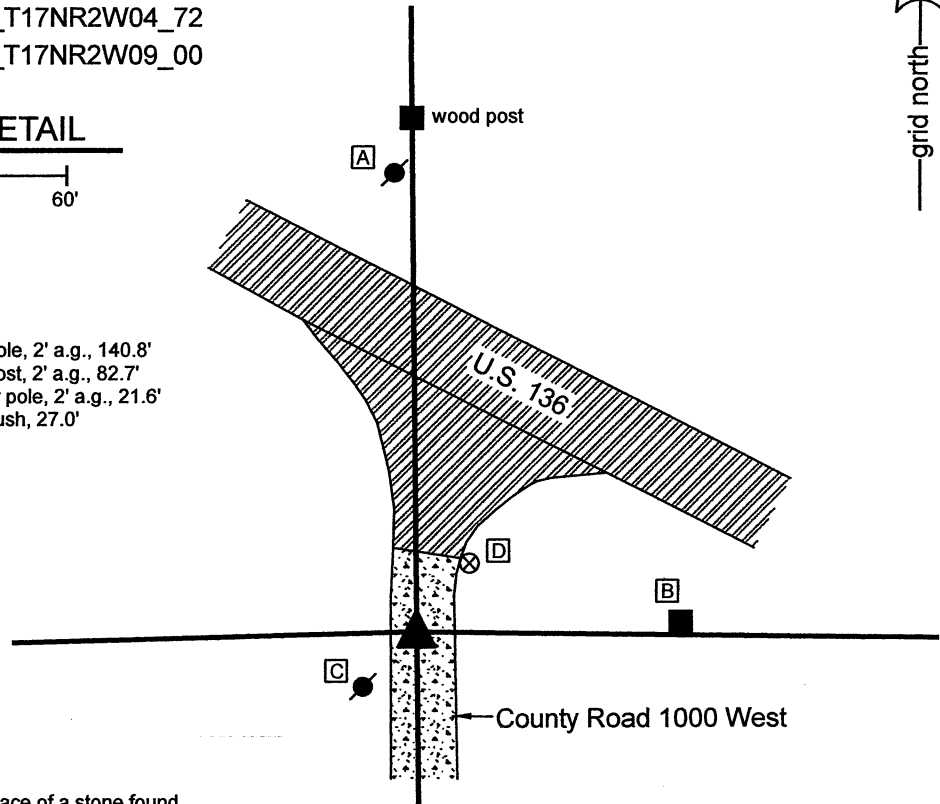
IN02\_T17NR2W08\_08 IN02\_T17NR2W09\_00

### CORNER WITNESS DETAIL

SCALE 1" = 60'



- A - Mag nail set in S. side power pole, 2' a.g., 140.8'
- B - Mag nail set in W. side wood post, 2' a.g., 82.7'
- C - Mag nail set in N.E. side power pole, 2' a.g., 21.6'
- D - Boone County witness mark, flush, 27.0'

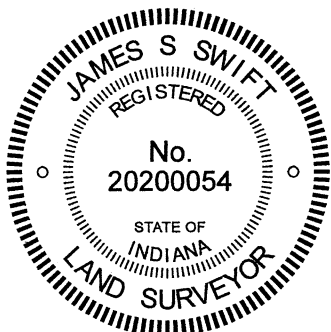


The Harrison monument was set in place of a stone found.

A BCS record of February 12, 1874 states, with respect to this corner, "Reestablished cor sects 4,5,8&9. Set rock 17,12,9 +." No recent BCS tie cards were found referencing this corner.

Excavation was performed at this corner on June 10, 2021. Prior to excavation, a vertical section of railroad rail of unknown origin was found at 3 inches deep in the approximate position of the corner. Excavation revealed the stone described in the 1874 record at 7 inches deep, approximately 4 feet north of the rail. As found, the stone was embedded in the clay layer below the road, protruding 4 inches into the bottom of the road bed. The stone was vertical and evidently undisturbed with a clearly visible "+" mark etched on the top of the stone. The stone was removed from the road bed and found to have been 17 inches tall by 12 inches E-W and 10 inches N-S, which matches well with the dimensions specified in the 1874 record. The position of the stone works remarkably well with the relative position of corners to the south, including evidence 1/4 mile south, as stated in the 1874 record. The stone is also generally in-line with an ancient wood post with brace notches found near the southerly R/W of U.S. 136, slightly east of the corner. The stone was accepted as being the same monument as called in the 1874 record and was held as marking the corner. The stone was removed from the road and replaced with a Harrison monument in the position of the etched "+" mark on the top of the stone. The railroad rail, removed during excavation, had been 4.3 feet south and 0.6 foot west of the mark on the top of the stone.

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



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

*James S. Swift*  
 \_\_\_\_\_  
 James S. Swift, IN LS 20200054  
 June 16, 2021

Jackson Township

Section 5 T17N, R2W	Section 4 T17N, R2W
Section 8 T17N, R2W	Section 9 T17N, R2W

# SECTION CORNER RECORD

SW 700-1050

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1708176.40 East: 3069523.38 (U.S. survey feet)

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

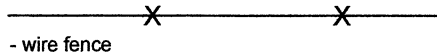
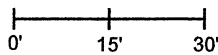
Depth: Three inches above surrounding ground

Indiana tie card references:

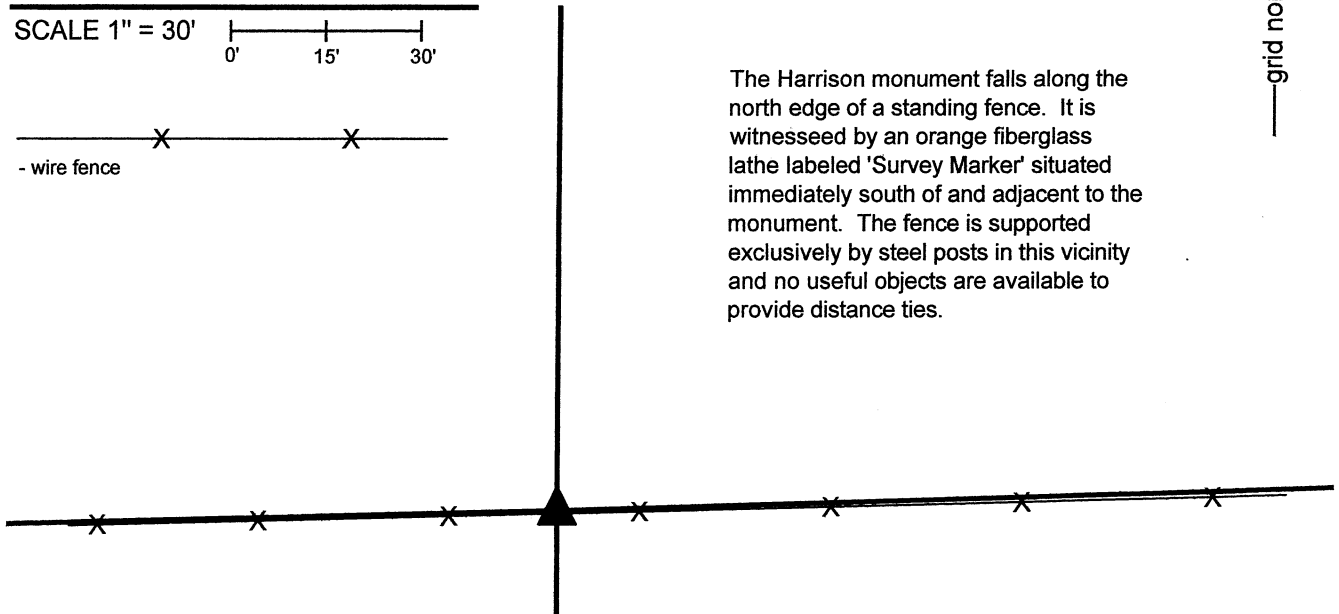
IN02\_T17NR2W05\_76 IN02\_T17NR2W08\_04

### CORNER WITNESS DETAIL

SCALE 1" = 30'



- wire fence



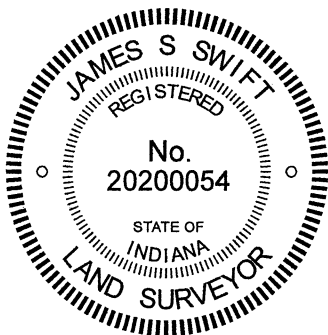
The Harrison monument falls along the north edge of a standing fence. It is witnessed by an orange fiberglass lathe labeled 'Survey Marker' situated immediately south of and adjacent to the monument. The fence is supported exclusively by steel posts in this vicinity and no useful objects are available to provide distance ties.

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

A BCS record of December 14-15, 1870 states, with respect to this corner, "Reestablished from stumps. Set a rock 16.12.8 marked +." No recent BCS tie cards were found referencing this corner, nor were any surveys recorded in the Office of the Boone County Recorder found referencing this corner. Excavation was performed at this corner on November 8-9, 2021. Prior to excavation, a stone was found witnessed by a wood lathe weaved into a standing east-west fence. The lathe appeared to have been installed by a surveyor and clearly appeared to be witnessing a stone found at the north edge of the standing fence, but no documentation was found to indicate what surveyor may have held this stone as marking the corner previously. The position of the found stone fit remarkably well in the east-west dimension with corner posts providing evidence of the southwest corner of the east half of the southwest quarter of Section 5 and a corner post providing evidence of the northeast corner of the west half of the northwest quarter of the northeast quarter of Section 8. The stone also fit with the local evidence of the corner, being adjacent to the standing east-west fence. It is also noted that the stone was in the immediate vicinity, being approximately 1 foot west of, a seam in the fence where two different sections of fence are adjoined, though no corner post was found at this point. The stone was also within 2 feet, east-west, of a computed midpoint of a straight line connecting the northeast and northwest corners of Section 8. The stone, however, is not the same dimensions as the rock described in the 1870 BCS record, being only 10 inches tall by 7 inches E-W by 4 inches N-S, as found. Extensive probing and manual excavation in the vicinity of the corner revealed only one other rock, being a small rock found 6 inches deep, approximately 2 feet east of the stone found at the surface. The rock called in the 1870 record was not found. It is noted that any old evidence which may have existed in the vicinity of, but north of the found stone, would likely have been obliterated by farming practices as it is clearly evident that the tilled land to the north of the fence is at a lower grade than the land along and south of the fence.

The stone found on the north edge of the standing fence was held to mark the corner. The stone was removed and replaced with a Harrison monument on November 9, 2021.

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  
November 15, 2021

Jackson Township

Section 5  
T17N, R2W

▲  
Section 8  
T17N, R2W



# SECTION CORNER RECORD

SW 700-1100

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1708116.23 East: 3066866.31 (U.S. survey feet)

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

Depth: One inch below adjacent road surface

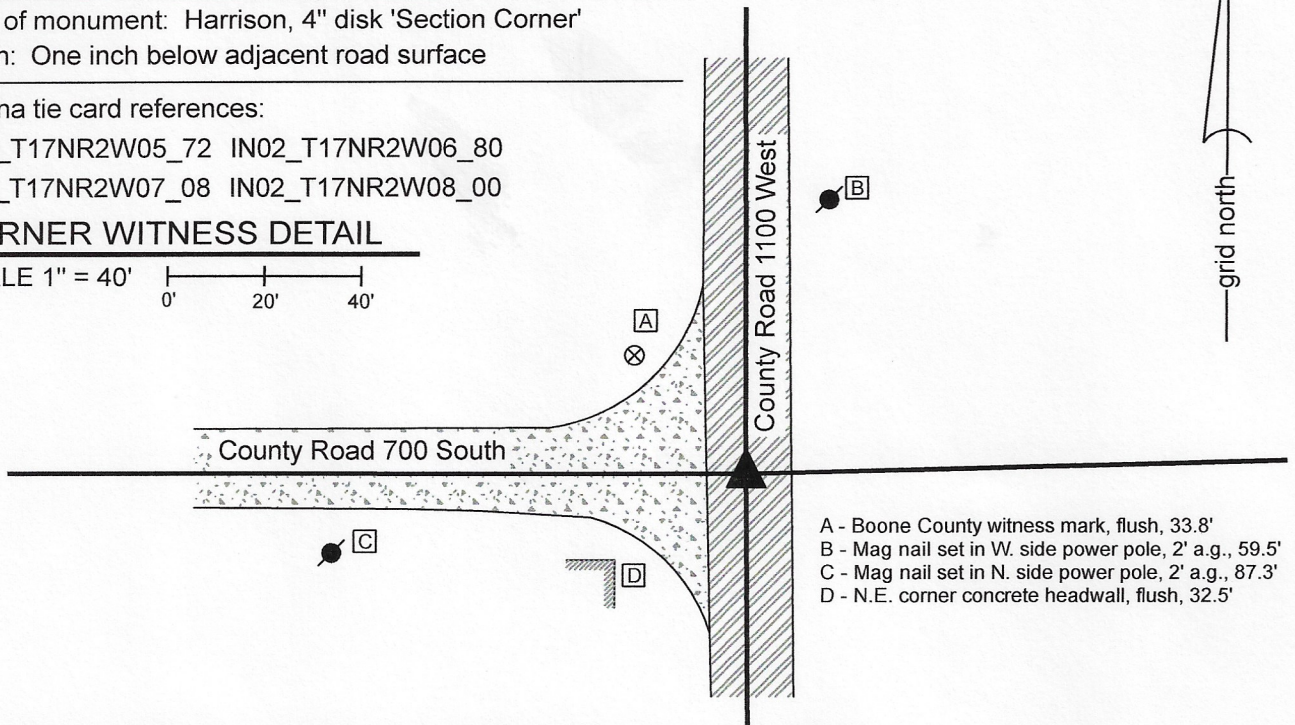
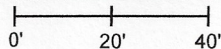
Indiana tie card references:

IN02\_T17NR2W05\_72 IN02\_T17NR2W06\_80

IN02\_T17NR2W07\_08 IN02\_T17NR2W08\_00

### CORNER WITNESS DETAIL

SCALE 1" = 40'



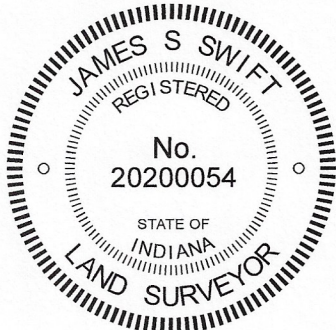
- A - Boone County witness mark, flush, 33.8'
- B - Mag nail set in W. side power pole, 2' a.g., 59.5'
- C - Mag nail set in N. side power pole, 2' a.g., 87.3'
- D - N.E. corner concrete headwall, flush, 32.5'

The Harrison monument was set in place of a rebar and a piece of vlay tile found.

No specific descriptions of this corner were found in the BCS Surveyor's Record. A BCS tie card dated August 10, 1988 calls the corner as "Stone found 3' deep. Set 1/2" iron rod on top of stone."

This corner was excavated on October 22, 2020. Prior to excavation, a 1/2 inch rebar was found at the surface of the road. The position of the found rebar fit precisely with several distance ties shown on the 1988 tie card. It is noted that prior to excavation, based on the experience of several hundred excavations in Boone County roads, the stated three-foot depth of the stone seemed extreme. It was expected that the bottom of the road bed would be at closer to 12 to 18 inches deep, based on the natural level of the surrounding ground. Excavation revealed that the expected depth of the road bed was correct, as the clay layer below the road bed is at approximately one foot below the current surface of the road. However, it was clearly evident that the clay immediately below the rebar had been previously disturbed. Further manual excavation directly below the position of the rebar indicated that the clay had been disturbed to a depth of approximately 20 inches. Below that, the clay appeared undisturbed. Probing below the 20 inch depth clearly indicated the presence of a stone. Further manual excavation revealed not a stone, but a piece of clay tile, at 27 inches deep. The tile was horizontal, concave side down, and oriented in cardinal directions, being 12 inches N-S by 5 inches E-W. The piece of tile was removed and no further hard objects were observed below with a probe. It is evident that the "stone" found in 1988 was actually the piece of tile. Apparently the three foot depth reported on the tie card was an estimation, as the piece of tile was found at 27 inches below the surface of the road. Based on the evidence of the disturbed and undisturbed sections of clay, it is concluded that the crew in 1988 most likely detected a hard object with a probe and determined it to be a stone. It does not appear that they actually exposed the tile. It is noted that Brandon Miller, excavator extraordinaire, at first believed the hard object detected with the probe was a stone. He has probed many tiles in his career and has noticed that they feel different than rocks. This object, being firmly embedded in the clay, concave side down, felt more like a stone than a piece of tile, when hit with the probe. After finding the piece of tile, a full excavation, being a five foot square area centered on the rebar, was completed to the depth of the clay layer below the road. No further evidence of the corner was found. The piece of tile is not typical evidence of a Boone County section corner, both in its physical character, being clay tile, and depth, being over a foot into the clay. However, it did appear to have been purposely set to mark the corner, has been held as marking the corner since 1988, and no contrary evidence of the corner was found. The position of the rebar and piece of tile were held as marking the corner. Both objects were removed and a Harrison monument was set in the position of the rebar as found at the surface of the road.

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

October 28, 2020

Jackson Township

Section 6 T17N, R2W	Section 5 T17N, R2W
Section 7 T17N, R2W	Section 8 T17N, R2W