

SECTION CORNER RECORD

SW 600-100

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

Corner 1: North: 1713763.82 East: 3119741.54 (U.S. survey feet)

Harrison, 4" disk 'Section Corner' One inch below adjacent road

Depth: One inch below adjacent road surface

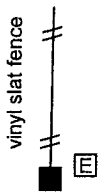
Indiana tie card references:

IN02_T18NR1W36_72 IN02_T18NR1W35_80

IN02_T17NR1W02_08 IN02_T17NR1W01_00

CORNER WITNESS DETAIL

SCALE 1" = 40'

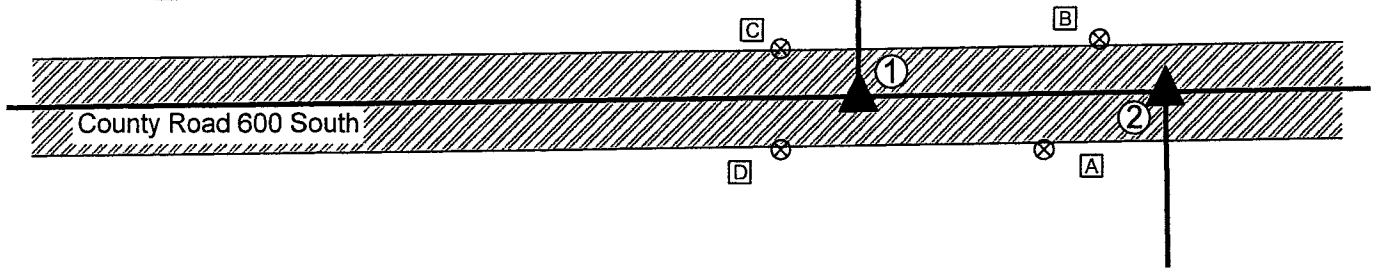


- ① S.E. Corner, Section 35
S.W. Corner, Section 36
T 18 N, R 1 W
Harrison Monument set
- ② N.W. Corner, Section 1
N.E. Corner, Section 2
T 17 N, R 1 W
Position not yet determined

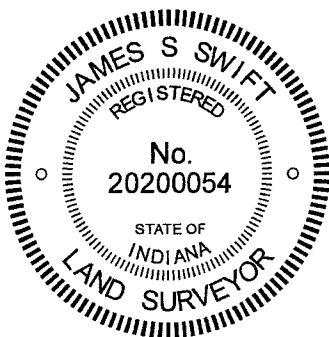


TIES TO CORNER 1 ONLY

- A - Boone County witness mark, flush, 40.6'
- B - Boone County witness mark, flush, 51.9'
- C - 5/8" rebar found, flush, 19.4'
- D - 5/8" rebar found, flush, 19.6'
- E - South edge vinyl fence post, flush, 147.8'



The Harrison monument was set in place of a rebar found. A BCS record of September 9-12, 1857 states, with respect to Corner 1, "Reestablished. Set Rock 5x12." A BCS record of February 11-12, 1867 states, with respect to Corner 2, "Reest. Set stake."
A BCS tie card dated March 18, 1996 shows Corner 1 as a rebar 9.75 feet east of a P.K. Nail.
Corner 1 was excavated on July 31, 2020. Prior to excavation, two mag nails were found at a separation of 60.6 feet east-west. These two nails appeared to have been intended to mark the respective standard and closing corners. However, the offset of 60.6 feet is substantially less than the original federal offset of 103 links or 67.98 feet. Based on extensive analysis of the relative positions of found evidence as correlated with relevant information in the BCS Surveyor's Record entries, it was concluded that the westerly of the nails, ostensibly marking Corner 1 was too far east. Prior to excavation, the westerly of the two nails was removed but no additional metal reading was detected. However, a rebar was found at 6 inches deep in the road bed approximately 4 feet west of the westerly nail, at the estimated position of the corner as shown on the 1996 tie card. Excavation around the rebar and up to 6 feet west did not reveal further ancient evidence of the corner. A railroad spike, perhaps the same monument as shown on the 1996 tie card was found in the immediate vicinity of the found rebar, but the spike had lost the magnetic character which allows it to be detected by a ferrous metal detector / magnetic locator. The spike was disturbed during excavation and the precise location of this monument was not specifically observed. Excavation was performed to 1 foot east, 6 feet west, 2.5 feet north and 2.5 feet south of the found rebar, to a depth of 2 feet, which is below the bottom of the road bed. No further evidence of Corner 1 was found. The position of the rebar found prior to excavation was held to determine the position of the corner. A Harrison monument was set at this position on July 31, 2020.
The precise position of Corner 2 will be determined at a later date, after the south quarter corner of Section 36 is excavated and determined.



Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

James S. Swift
James S. Swift, IN LS 20200054
March 10, 2021

Harrison Township

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|-------------------------|-------------------------|
| Section 35 T18N, R1W | Section 36 T18N, R1W |
| Section 2 T17N, R1W | Section 1 T17N, R1W |

SECTION CORNER RECORD

SW 600-150

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

Corner 1: North: 1713738.12 East: 3117078.71 (U.S. survey feet)

Corner 2: North: 1713738.77 East: 3117146.08 (U.S. survey feet)

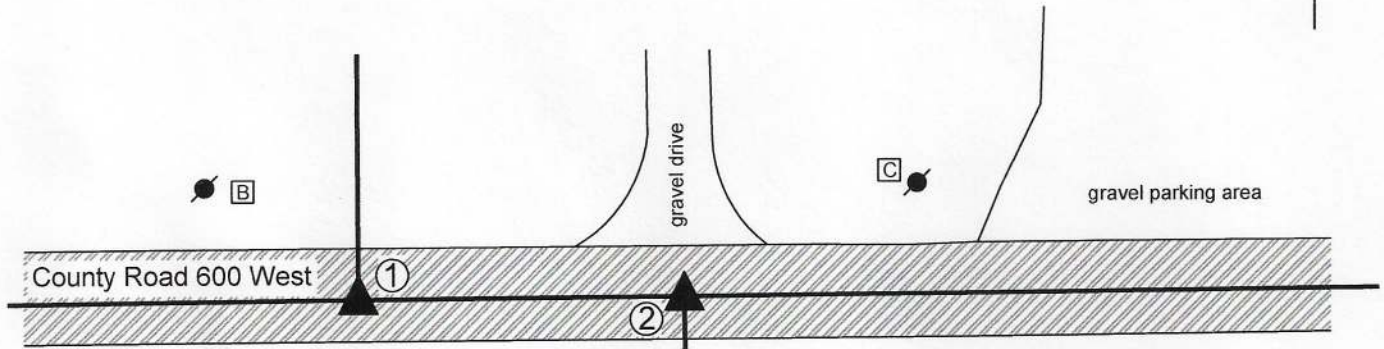
Both monuments: Harrison, 4" disk 'Section Corner', One inch below adjacent road

Indiana tie card references:

IN02_T18NR1W35_76 IN02_T17NR1W02_04

CORNER WITNESS DETAIL

SCALE 1" = 40'



- A - Boone County witness mark, flush
68.7' to Corner 1, 13.6' to Corner 2
- B - Mag nail set in S. side power pole, 2' a.g.,
39.3' to Corner 1, 101.7' to Corner 2
- C - Mag nail set in S. side power pole, 2' a.g.,
117.8' to Corner 1, 53.3' to Corner 2

- ① South Quarter Corner
Section 35, T 18 N, R 1 W
Harrison Monument set
- ② North Quarter Corner
Section 2, T 17 N, R 1 W
Harrison Monument set

Distance between monuments: 67.37'

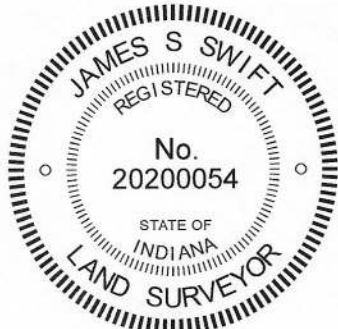
The Harrison monuments at both corners were set over stones found.

With respect to Corner 1, a BCS record of May 29, 1883 states, "Reestablished from stumps of both trees. Rock 17.15.6 marked +." A BCS tie card dated March 18, 1996 shows the corner as a railroad spike. With respect to Corner 2, A BCS record of September 27, 1871 states "Reest. from one tree. Set Rock 12.9.5 +." A BCS tie card dated December 21, 1982 states "No stone found. Set RR spk."

Corner 1 was excavated on July 20, 2020. Prior to excavation, a railroad spike was found at 5 inches deep in the asphalt roadway, in agreement with the 1996 tie card. Excavation revealed a stone found at 16 inches deep, directly below the railroad spike. With the top 10 inches of the stone exposed, it measured 15 inches EW by 6 inches NS, matching two of the dimensions recited in the 1883 record. The stone had a rough surface upon which no specific mark was detected. The stone was held as marking the corner and a Harrison monument was set over the top, center of the stone, in the same position as the railroad spike found prior to excavation.

Corner 2 was excavated on July 31, 2020. Prior to excavation, a railroad spike was found at 5 inches deep in the asphalt roadway, in agreement with the 1982 tie card. Excavation revealed the stone called in the 1871 record at 24 inches deep. The stone measured 9 inches E-W by 5 inches N-S by 12 inches tall, as measured on the south side. The stone appeared to be leaning slightly toward the south. The stone was directly below the railroad spike. It appears that in 1982 the proper position was excavated, but not to sufficient depth to expose the stone. The stone was held as marking the corner. A Harrison monument was set on the township line as defined by the standard corner (Corner 1) and the standard corner approximately 1/2 mile east (see BCS Corner SW 600-100). This position agreed in the E-W dimensions and fell within 0.1 foot N-S of the position of the railroad spike found prior to excavation. The average federal closing distance at this corner is 104 links or 68.64 feet. The corners as monumented are separated by 67.37 feet, identical to the separation of the railroad spikes found prior to excavation.

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

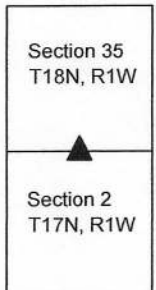


Kenneth E. Hedge
 Kenneth E. Hedge, County Surveyor

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

August 5, 2020

Harrison Township



SECTION CORNER RECORD

SW 650-100

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1711017.71 East: 3119850.67 (U.S. survey feet)

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

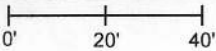
Depth: One inch below adjacent road surface

Indiana tie card references:

IN02_T17NR1W02_44 IN02_T17NR1W01_36

CORNER WITNESS DETAIL

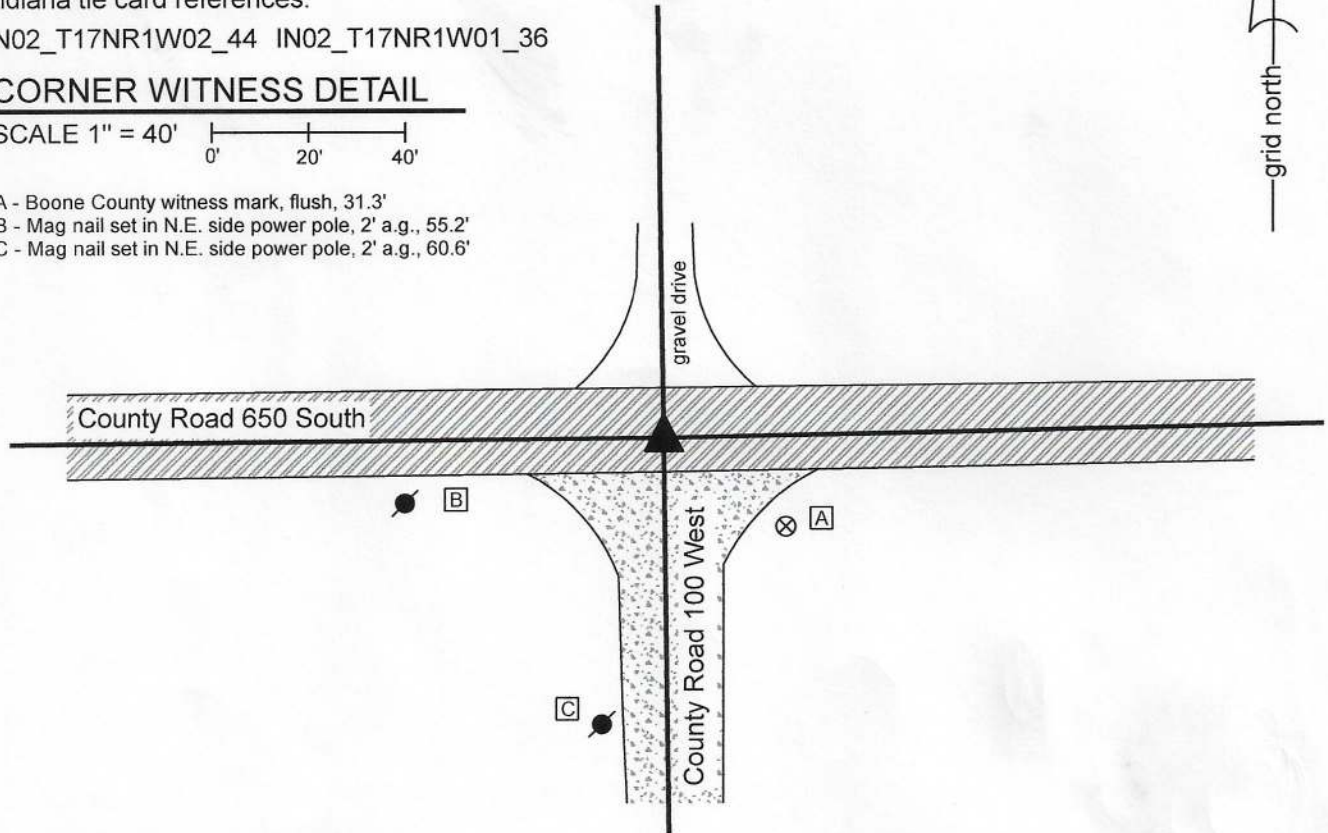
SCALE 1" = 40'



A - Boone County witness mark, flush, 31.3'

B - Mag nail set in N.E. side power pole, 2' a.g., 55.2'

C - Mag nail set in N.E. side power pole, 2' a.g., 60.6'



The Harrison monument was set over a stone found.

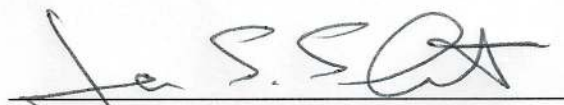
A BCS record of February 11-12, 1867 states, with respect to this corner, "Reestablished by measurement. Set Rock 21.12.8 marked +." No recent BCS tie cards were found referencing this corner.

Excavation was performed at this corner on July 16, 2020. Prior to excavation, a mag nail was found flush at the intersection of the two roads. The source of the mag nail is not known. Excavation revealed no further evidence directly below the mag nail, but did reveal a stone found at 5 inches deep, slightly southwest of the nail. The stone was observed to be located in the fill material of the road and measured 16 inches E-W by 14 inches N-S by 8 inches tall. No specific markings were observed on the stone. The stone was removed and another stone was found directly below, at 13 inches deep. With the top 5 inches exposed, this stone measured 12 inches N-S by 8 inches E-W and was clearly much larger in the vertical dimension. The stone had a rough surface and no specific marks were detected, though it did have a clear and distinct high point. The stone was embedded in the clay layer below the road, protruding slightly into the bottom of the road bed. The stone was accepted as being the monument described in the 1867 record and was held as marking the corner. A Harrison monument was set directly over the top, high point of the stone. The nail, removed during excavation, had been 1.0 foot north and 0.3 foot east of the top, high point of the stone.

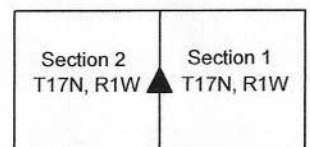
This corner was originally established as a wood post in 1820.




Kenneth E. Hedge, County Surveyor


James S. Swift, IN LS 20200054
July 21, 2020

Harrison Township



SECTION CORNER RECORD

SW 650-200

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1710975.78 East: 3114553.513 (U.S. survey feet)

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

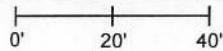
Depth: One inch below adjacent road surface

Indiana tie card references:

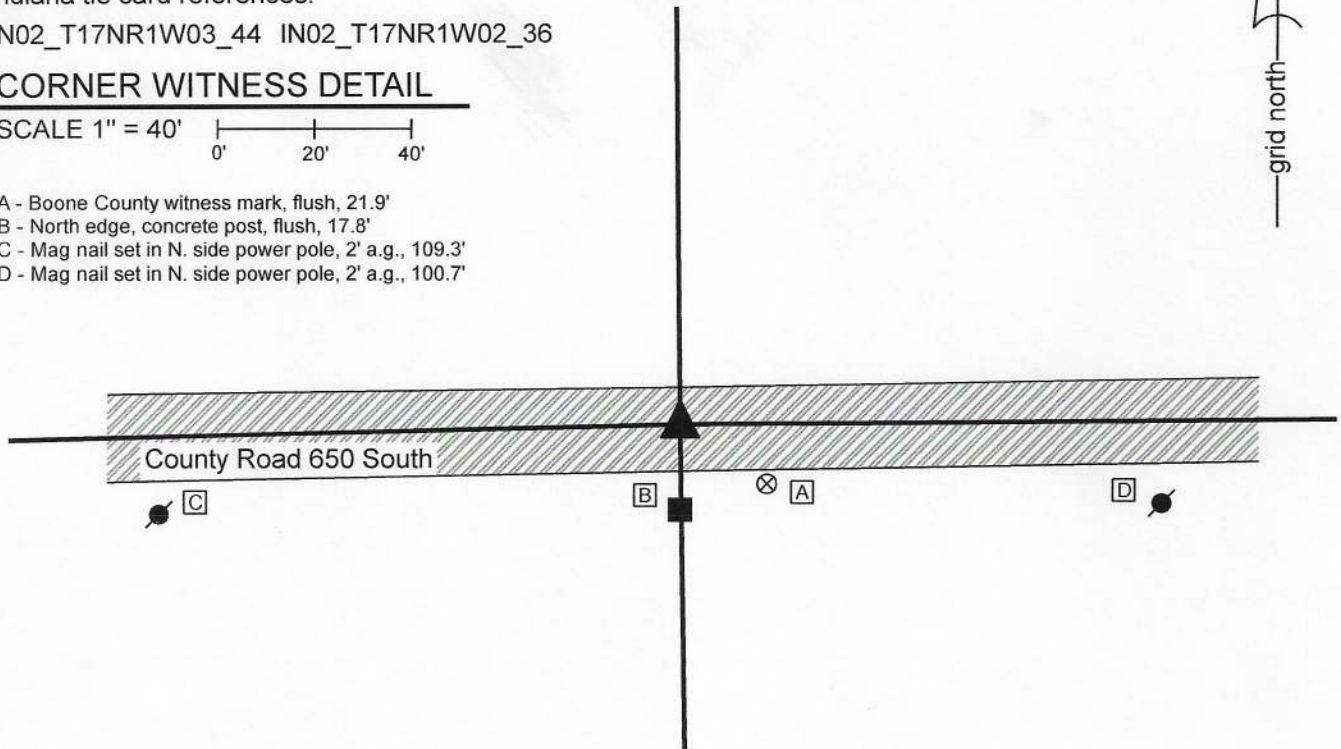
IN02_T17NR1W03_44 IN02_T17NR1W02_36

CORNER WITNESS DETAIL

SCALE 1" = 40'



- A - Boone County witness mark, flush, 21.9'
- B - North edge, concrete post, flush, 17.8'
- C - Mag nail set in N. side power pole, 2' a.g., 109.3'
- D - Mag nail set in N. side power pole, 2' a.g., 100.7'



The Harrison monument was set over a stone found.

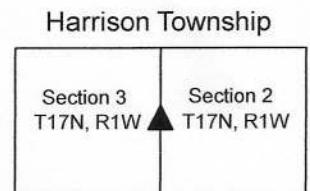
A BCS record of April 6-7, 1858 states, with respect to this corner, "Reestablished from old wit tree. Rock 16x19." No recent BCS tie cards were found referencing this corner.

Excavation was performed at this corner on July 16, 2020. Prior to excavation, no metal monuments were found marking the corner. A concrete post on the south side of County Road 650 south provided reliable accessory evidence of the corner. An estimated position for the corner, being in the center of the east-west road, immediately north of the concrete post fit well with proximate evidence in all cardinal directions. Excavation at this position revealed a stone found at 8 inches deep. The stone was 16 inches tall along the west side, which was fully exposed. A vague, shallow etched "+" mark was observed at the top, center, high point of the stone. The 19 inch dimension recited in the 1858 record was not observed. The stone measured 11 inches N-S by 11 inches E-W. The NE-SW dimension measured 9 inches. The stone was embedded in the clay layer below the road, protruding approximately 4 inches into the bottom of the road bed. The stone was accepted as marking the corner. It is thought most likely that the 1858 record intended to state 16x9 inches, rather than 16x19 inches. BCS records from the 1850s often only mention two dimensions, which have been observed to represent the extreme (smallest and largest) dimensions of the stone. A Harrison monument was set directly over the etched "+" mark of the 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
July 21, 2020



SECTION CORNER RECORD

SW 700-100

BOONE COUNTY SURVEYOR'S OFFICE

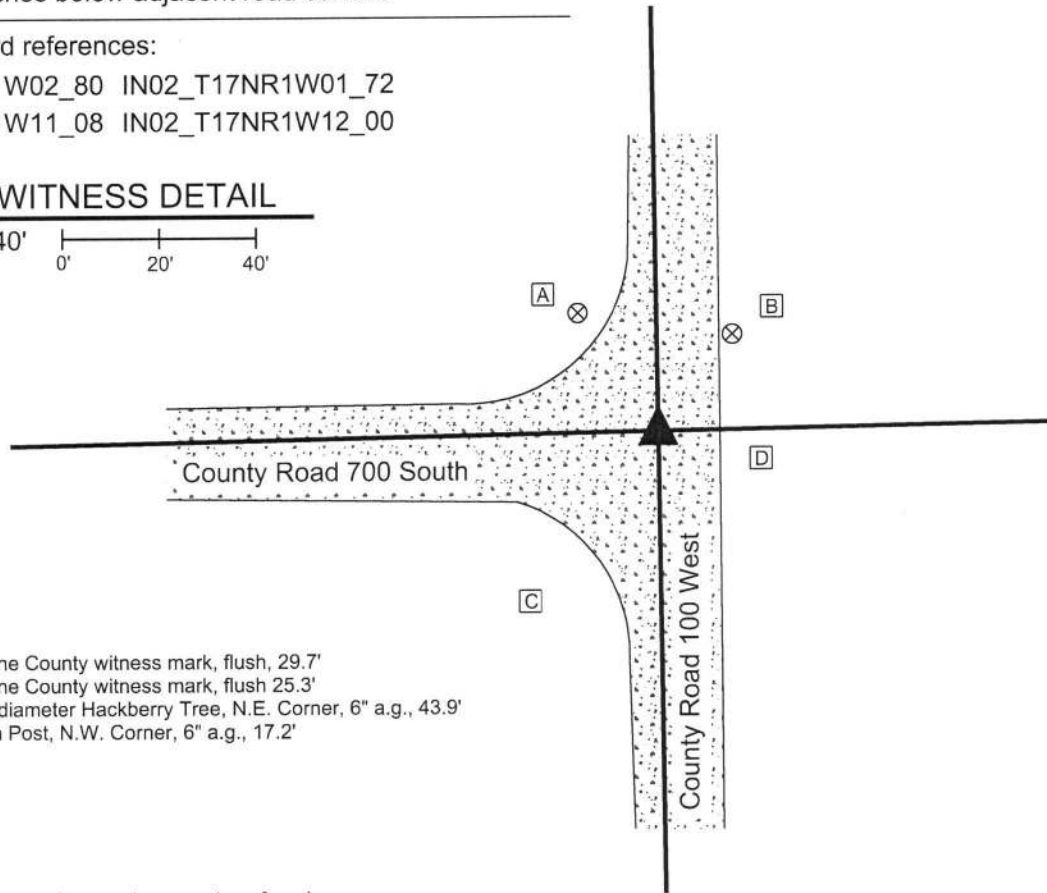
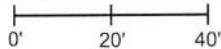
State Plane grid coordinates NAD83 (2011):
North: 1708374.10 East: 3119891.04 (U.S. survey feet)

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

Indiana tie card references:
IN02_T17NR1W02_80 IN02_T17NR1W01_72
IN02_T17NR1W11_08 IN02_T17NR1W12_00

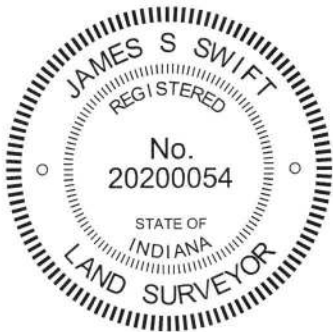
CORNER WITNESS DETAIL

SCALE 1" = 40'



- A - Boone County witness mark, flush, 29.7'
- B - Boone County witness mark, flush 25.3'
- C - 24" diameter Hackberry Tree, N.E. Corner, 6" a.g., 43.9'
- D - Sign Post, N.W. Corner, 6" a.g., 17.2'

The Harrison monument was set over a stone found.
 A BCS record of April 23-24, 1881 states, with respect to this corner, "Reestablished from O.B. Tree. Stone as place +." This is interpreted to mean that the position of the corner was found from an original bearing tree and that a stone was placed, or found in place, with an etched + mark. No recent BCS tie cards were found referencing this corner.
 Excavation was performed at this corner on April 4, 2019. Prior to excavation, a section of 5/8 inch diameter rebar was found in the approximate center of the intersection. The origin of the rebar is not known. As found, the rebar was bent substantially toward the north at approximately 2 inches below grade. Excavation revealed a stone found at 14 inches deep, west and slightly north of the rebar. The top 8 inches of the stone were exposed, at which point the stone measured 9 inches N-S by 9 inches E-W. The stone has a distinct, flat top which is 7 inches N-S by 5 inches E-W. A vague mark was visible on the top of the stone, though it was evident that a road grader has scraped the top of the stone repeatedly, making the mark shallow and hard to confirm as having been purposely etched into the stone. Excavation along the east edge of the stone indicated that it is 12 inches tall. The stone is embedded in the clay layer below the road, protruding approximately 2 inches into the road bed. The stone was accepted as marking the corner and was left in place. A Harrison monument was set directly over the center of the top of the stone. The rebar, removed during excavation, had been 2.9 feet east and 1.1 foot south of the top, center of the 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
April 30, 2019

Harrison Township

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| Section 2 T17N, R1W | Section 1 T17N, R1W |
| Section 11 T17N, R1W | Section 12 T17N, R1W |

SECTION CORNER RECORD

SW 700-200

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1708320.48 East: 3114596.24 (U.S. survey feet)

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

Depth: One inch above adjacent ground.

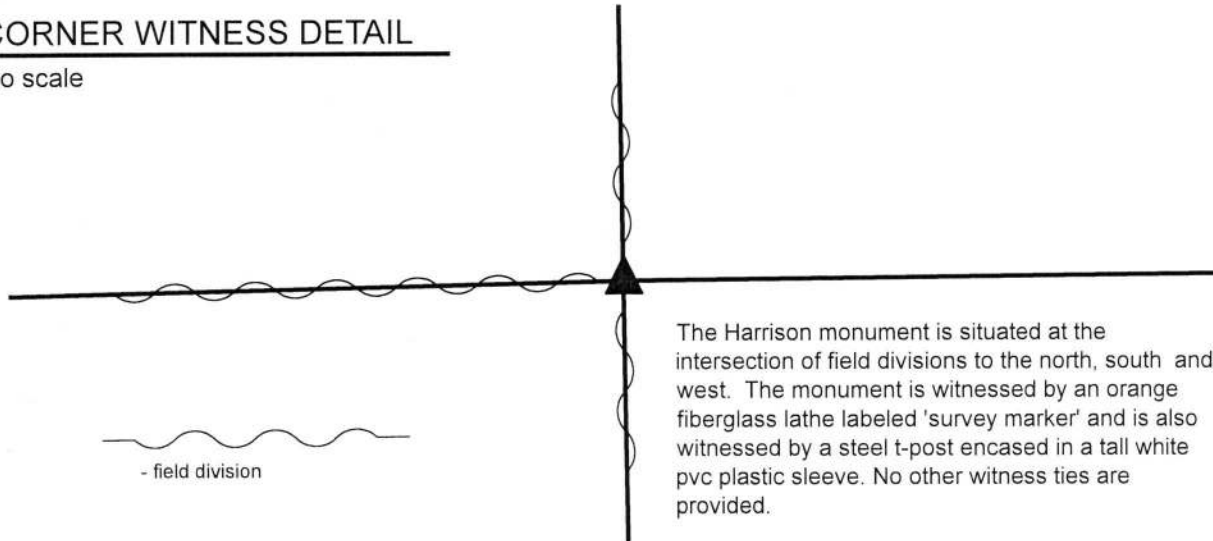
Indiana tie card references:

IN02_T17NR1W03_80 IN02_T17NR1W02_72

IN02_T17NR1W10_08 IN02_T17NR1W11_00

CORNER WITNESS DETAIL

No scale



The Harrison monument is situated at the intersection of field divisions to the north, south and west. The monument is witnessed by an orange fiberglass lathe labeled 'survey marker' and is also witnessed by a steel t-post encased in a tall white pvc plastic sleeve. No other witness ties are provided.

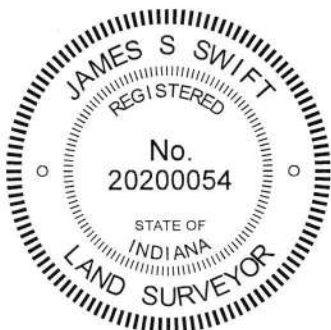
The Harrison monument was set over a stone found.

A BCS record dated April 22-24, 1883 states, with respect to this corner, "Reest. stone from O.B. tree. Stone as place +."

No recent BCS tie cards were found referencing this corner.

Excavation was performed at this corner on September 27, 2019. Prior to excavation, a steel t-post within a tall white PVC plastic sleeve was observed at the intersection of field divisions to the north, south and west. Excavation revealed that the t-post was driven into the base of an old wood corner post, broken off at ground level. The base of the post was observed to be cedar, 8 inch by 8 inch square. Excavation around the post revealed numerous small rocks and one large rock. The large rock is approximately 1 foot north of the base of the post. The top of this stone was found at 10 inches below grade. The stone was observed to be 21 inches E-W by 11 inches N-S with the top 14 inches exposed. The south side of the stone is flat and vertical and clearly the stone is much larger than the just the exposed 14 inches. A vague etched "+" mark was observed on the top of the stone at the high point, near the south edge of the stone. The stone was clearly not bracing the post and was held as marking the corner. The mark on the stone was held as the specific position of the corner. The top of the stone and the south edge of the stone were encased in concrete and a Harrison monument was set over the etched mark on the stone, anchored primarily to the vertical south edge of the stone. No rebars or other artificial evidence were found in the vicinity of the post.

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 15, 2019

Harrison Township

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| Section 3 T17N, R1W | Section 2 T17N, R1W |
| Section 10 T17N, R1W | Section 11 T17N, R1W |