

SECTION CORNER RECORD

SW 000-650

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

Corner 1: North: 1745543.08 East: 3090486.79 (U.S. survey feet)

Corner 2: North: 1745542.79 East: 3090505.18 (U.S. survey feet)

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

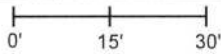
Depth: Two to three inches below adjacent road/ground surface

Indiana tie card references:

IN02_T19NR1W15_80 IN02_T19NR1W14_72

CORNER WITNESS DETAIL

SCALE 1" = 30'



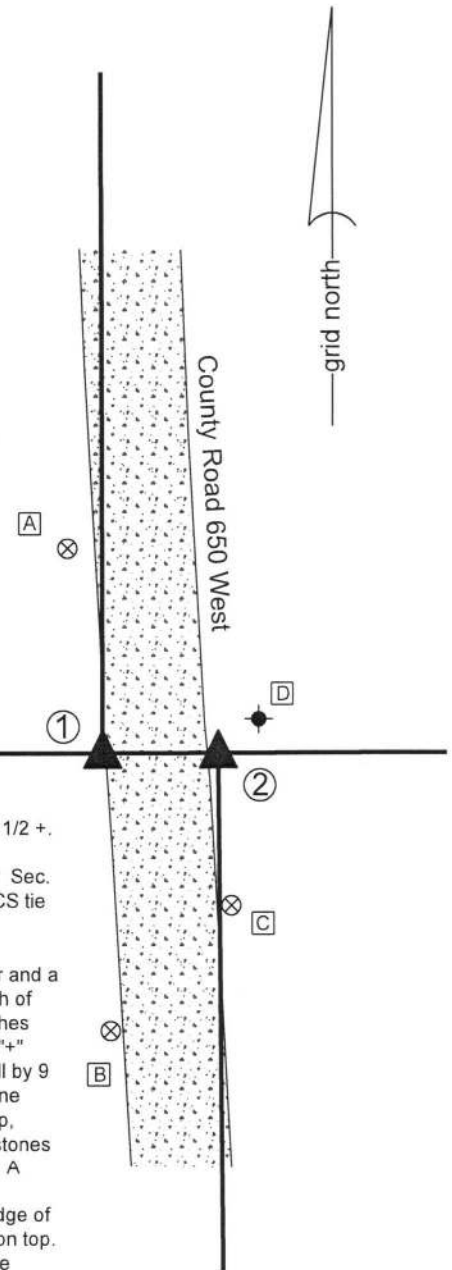
① South Quarter Corner
Section 36, T19N, R2W
Harrison Monument Set

② North Quarter Corner
Section 1, T18N, R2W
Harrison Monument Set

Distance between monuments: 18.4' (record distance 27 1/2 links = 18.15')

- A - Boone County witness mark, flush, 32.4' to Corner 1, 40.1' to Corner 2
- B - Boone County witness mark, flush, 43.2' to Corner 1, 46.2' to Corner 2
- C - Boone County witness mark, flush, 31.1' to Corner 1, 23.4' to Corner 2
- D - Steel Tpost in white PVC sleeve, 25.2' to Corner 1, 8.3' to Corner 2

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



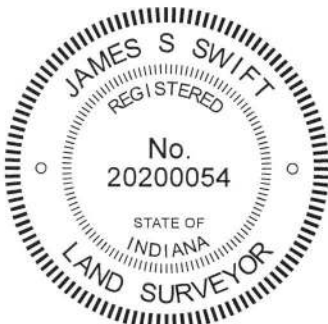
The Harrison monuments were set over stones found.

A BCS record of May 11, 1870 states, with respect to Corner 1, "Reestablished. Set two Rocks. 6.5,3 1/2 +. Top one 11, 8, 6 +." Another BCS record of the same date, referencing primarily Corner 2, states "Reestablished set two rocks. One rock 5 1/2, 5, 4 marked +. Top rock 14.12.9 marked +. Sec. cor for Sec. 36 bears west 27 1/2 [links] where set two rocks. One 6.5,3 1/2 +. Top one 11, 8, 6 +." No recent BCS tie cards were found referencing this corner.

Excavation was performed at this corner on December 18, 2017. Prior to excavation, the only known evidence of the corners included the N-S gravel roadway which jogs slightly in the vicinity of the corner and a field division to the east, marked with a steel T-post in a white PVC plastic sleeve. Excavation in search of Corner 1 yielded the discovery of both rocks called for at that corner. The top rock was found at 11 inches deep at the west edge of the roadway. The stone had a distinct high point and a clearly visible etched "+" mark on the north, sloping side of the top. The stone was removed and found to measure 12 inches tall by 9 inches N-S by 7 inches E-W (one inch larger than the record dimension in each direction). Another stone was found at 22 inches deep, directly below the top stone. This stone had a distinct "+" mark on the top, center. The stone measured 6 inches N-S by 7 inches E-W. The height was not measured. The two stones were accepted as the monuments referenced in the 1879 record and were held as marking the corner. A Harrison monument was set over the "+" mark on the lower stone.

Excavation at Corner 2 revealed the record lower stone for that corner at 24 inches deep on the east edge of the roadway. The top of this stone measured 6 inches by 6 inches and had a distinct etched "+" mark on top. In December, 2017, a rebar was set over the + mark on the stone to mark the position of the stone. The rebar was replaced with a Harrison monument on July 6, 2018. It is noted that the Harrison monument at Corner 2 is directly over the + mark on the stone, 0.3 foot south of the township line, as determined by Corner 1 and the corner one-half mile east (see Corner NW 000-600).

Corner 1 was originally established as a wood post in 1819. Corner 2 was not established as part of the original federal survey.



Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

James S. Swift
James S. Swift, IN LS 20200054
August 15, 2018

Jefferson Township

Section 36
T19N, R2W

Section 1
T18N, R1W

SECTION CORNER RECORD

SW 050-600

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

Information for Corner 1 only

North: 1742805.69 East: 3093155.33 (U.S. survey feet)

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

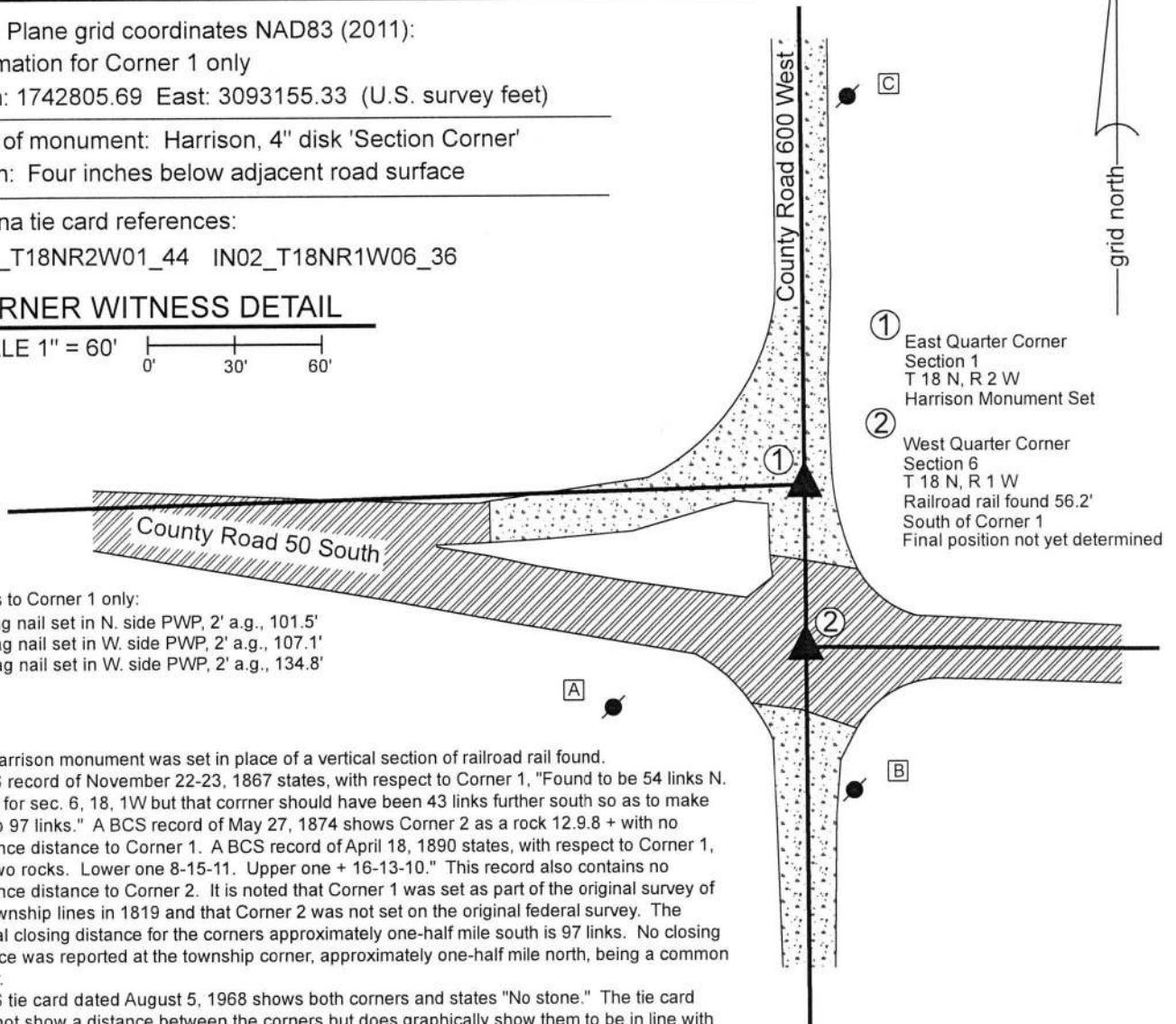
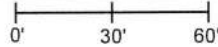
Depth: Four inches below adjacent road surface

Indiana tie card references:

IN02_T18NR2W01_44 IN02_T18NR1W06_36

CORNER WITNESS DETAIL

SCALE 1" = 60'



- ① East Quarter Corner
Section 1
T 18 N, R 2 W
Harrison Monument Set
- ② West Quarter Corner
Section 6
T 18 N, R 1 W
Railroad rail found 56.2'
South of Corner 1
Final position not yet determined

All ties to Corner 1 only:

A - Mag nail set in N. side PWP, 2' a.g., 101.5'

B - Mag nail set in W. side PWP, 2' a.g., 107.1'

C - Mag nail set in W. side PWP, 2' a.g., 134.8'

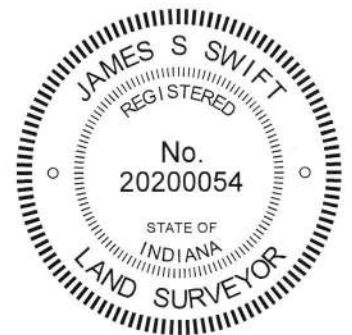
The Harrison monument was set in place of a vertical section of railroad rail found. A BCS record of November 22-23, 1867 states, with respect to Corner 1, "Found to be 54 links N. of Cor for sec. 6, 18, 1W but that corner should have been 43 links further south so as to make the lap 97 links." A BCS record of May 27, 1874 shows Corner 2 as a rock 12.9.8 + with no reference distance to Corner 1. A BCS record of April 18, 1890 states, with respect to Corner 1, "Set two rocks. Lower one 8-15-11. Upper one + 16-13-10." This record also contains no reference distance to Corner 2. It is noted that Corner 1 was set as part of the original survey of the township lines in 1819 and that Corner 2 was not set on the original federal survey. The original closing distance for the corners approximately one-half mile south is 97 links. No closing distance was reported at the township corner, approximately one-half mile north, being a common corner.

A BCS tie card dated August 5, 1968 shows both corners and states "No stone." The tie card does not show a distance between the corners but does graphically show them to be in line with the respective portions of the center of County Road 50 South to the east and west. Corner 1 was excavated on June 20, 2018. Prior to excavation, vertical sections of railroad rail were found marking the generally accepted positions of the respective corners. It is believed that these rails were set in association with the creation of the 1968 tie card. The rails were 56.2 feet apart, as found. The 1867 tie card indicates that they should have been 64 feet (97 links) apart. It was observed that the rails generally fit with the centers of the roads, though the section of road bearing west from Corner 1 is not entirely straight, crossing a small hill slightly to the west of the intersection.

Excavation of an area extending 3 feet south, 9 feet north, 4 feet east and 4 feet west of the rail at Corner 1 revealed no further evidence of the corners. Excavation was performed to approximately 20 inches deep, slightly into the clay layer below the road bed. This area of excavation encompassed an area extending from 53 feet to 65 feet north of the rail at Corner 2 and encompassed a wide enough north-south area to include all visual variations of alignment with the center of County Road 50 South bearing west from the corner.

The found rail at Corner 1 was accepted as representing the best available evidence of the corner and was held as marking the corner. The rail was replaced with a Harrison monument in the same position.

Corner 2 has not yet been excavated and a final position for this corner will be determined at a later date.



Jefferson Township

Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

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

Section 1 T18N, R2W	Section 6 T18N, R1W
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February 20, 2019

SECTION CORNER RECORD

SW 050-700

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1742666.72 East: 3087913.57 (U.S. survey feet)

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

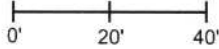
Depth: One inch below adjacent road surface

Indiana tie card references:

IN02_T18R2W02_44 IN02_T18NR2W01_36

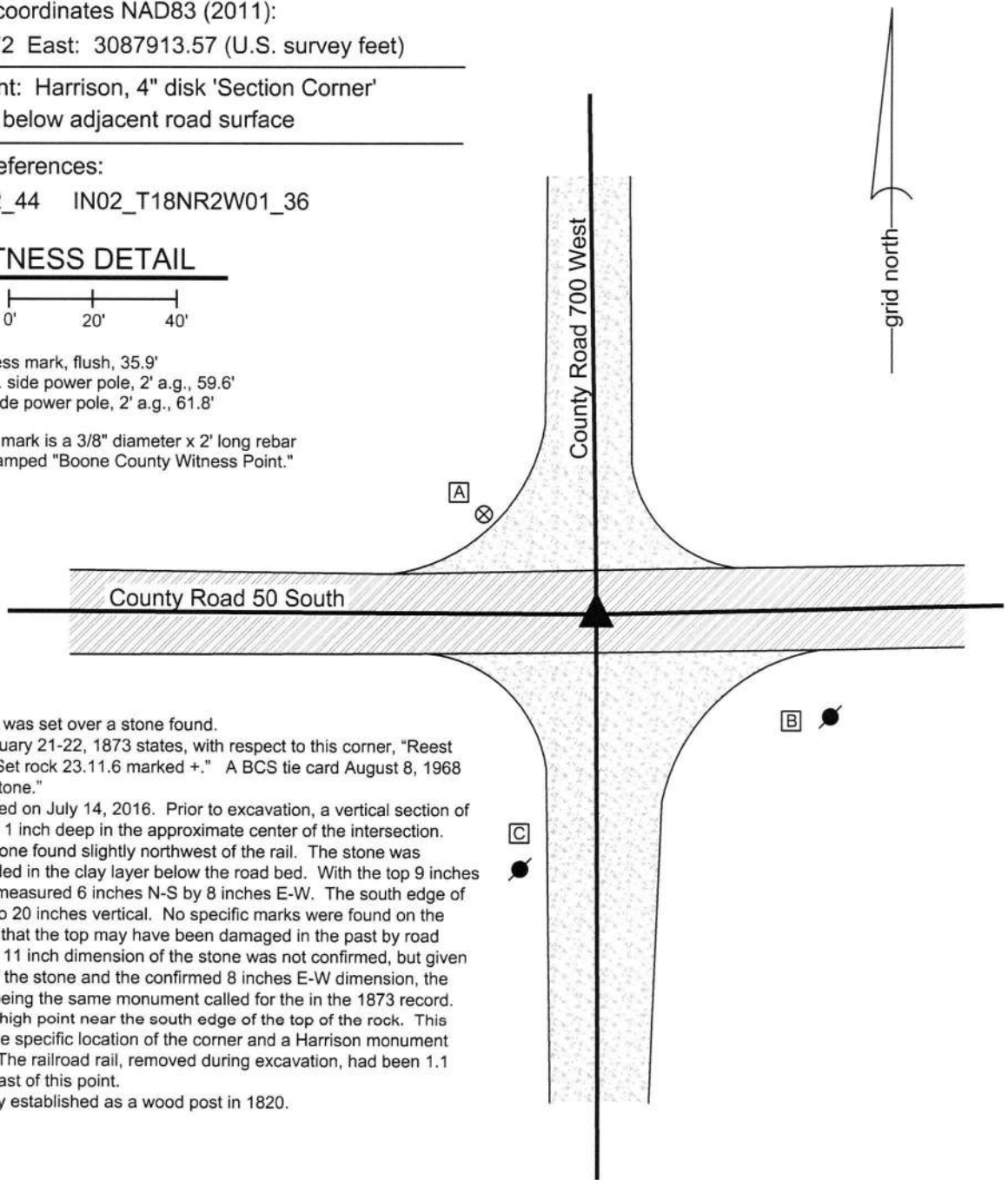
CORNER WITNESS DETAIL

SCALE 1" = 40'



- A - Boone County witness mark, flush, 35.9'
- B - Mag nail set in N.W. side power pole, 2' a.g., 59.6'
- C - Mag nail set in N. side power pole, 2' a.g., 61.8'

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.

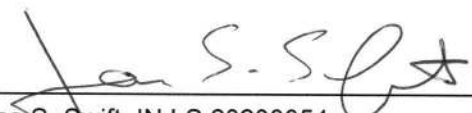
A BCS record dated January 21-22, 1873 states, with respect to this corner, "Reest from the stump of oak. Set rock 23.11.6 marked +." A BCS tie card August 8, 1968 calls the corner as "No stone."

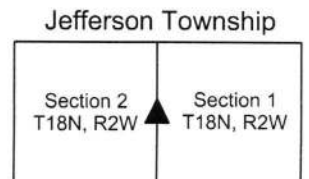
This corner was excavated on July 14, 2016. Prior to excavation, a vertical section of railroad rail was found at 1 inch deep in the approximate center of the intersection. Excavation revealed a stone found slightly northwest of the rail. The stone was vertical, partially embedded in the clay layer below the road bed. With the top 9 inches of the stone exposed, it measured 6 inches N-S by 8 inches E-W. The south edge of the stone was exposed to 20 inches vertical. No specific marks were found on the stone, though it appears that the top may have been damaged in the past by road grading equipment. The 11 inch dimension of the stone was not confirmed, but given the vertical orientation of the stone and the confirmed 8 inches E-W dimension, the stone was accepted as being the same monument called for in the 1873 record. The stone had a distinct high point near the south edge of the top of the rock. This high point was held as the specific location of the corner and a Harrison monument was set over this point. The railroad rail, removed during excavation, had been 1.1 foot south and 0.9 foot east of this point.

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




Kenneth E. Hedge, County Surveyor


James S. Swift, IN LS 20200054
March 23, 2017



PHOTOGRAPHIC DOCUMENTATION

Date of photography: July 14, 2017

The stone as it was originally exposed.



View of the stone from above and south, showing the exposed south side of the stone.



View from the east, looking across the stone and west along County Road 50 South.



View from the south looking across the stone and north along County Road 50 South.



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

SECTION CORNER RECORD

SW 100-600

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

Corner 1: North: 1740160.94 East: 3093174.78 (U.S. survey feet)

Corner 2: North: 1740095.77 East: 3093175.28 (U.S. survey feet)

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

Depth: Six inches below adjacent gravel road surface

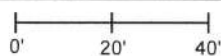
Indiana tie card references:

IN02_T18NR2W01_80 IN02_T18NR1W06_72

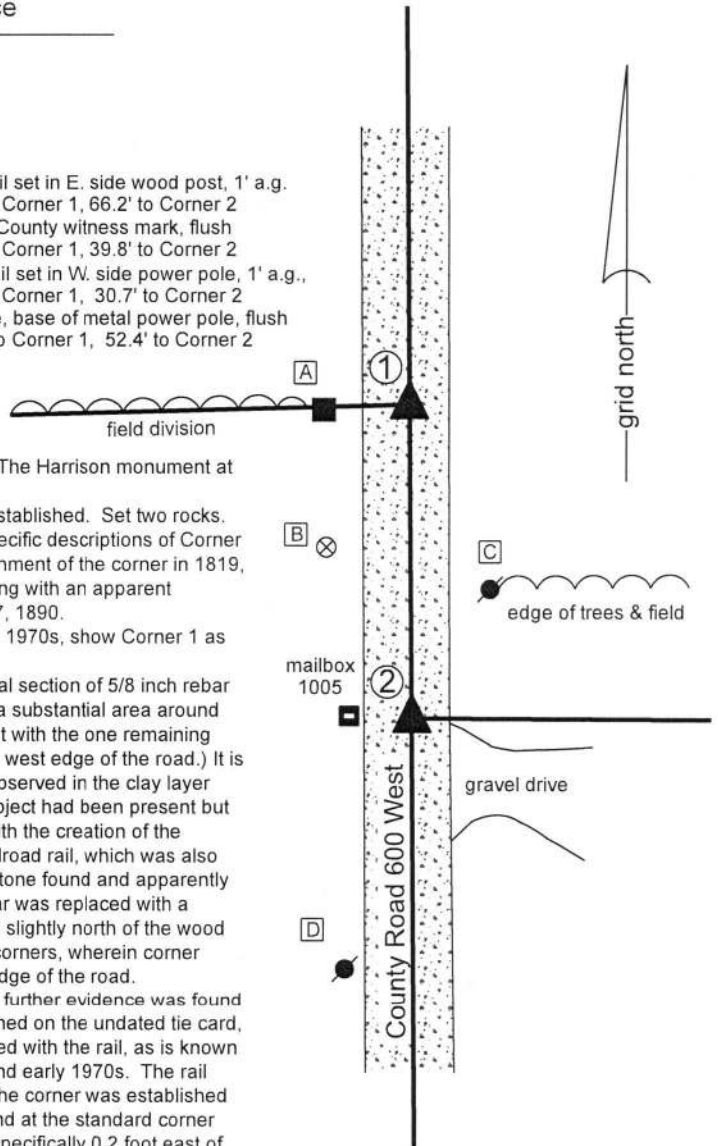
IN02_T18NR2W12_08 IN02_T18NR1W07_00

CORNER WITNESS DETAIL

SCALE 1" = 40'



- A - Mag nail set in E. side wood post, 1' a.g. 18.0' to Corner 1, 66.2' to Corner 2
- B - Boone County witness mark, flush 34.3' to Corner 1, 39.8' to Corner 2
- C - Mag nail set in W. side power pole, 1' a.g., 41.2' to Corner 1, 30.7' to Corner 2
- D - N. edge, base of metal power pole, flush 116.4' to Corner 1, 52.4' to Corner 2



① S.E. Corner, Section 1
N.E. Corner, Section 12
T 18 N, R 2 W

② S.W. Corner, Section 6
N.W. Corner, Section 7
T 18 N, R 1 W

The Harrison monument at Corner 1 was set in place of a rebar found. The Harrison monument at Corner 2 was set in place of a vertical section of railroad rail found.

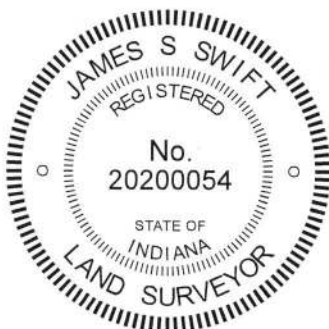
A BCS record of October 9, 1887 states, with respect to Corner 2, "Reestablished. Set two rocks. One 10.8.7 +. Top one 12.11.7 +. Two small rocks under both." No specific descriptions of Corner 1 were found in the BCS Surveyor's Record beyond the original establishment of the corner in 1819, though the corner is mentioned as a terminal point for measurement along with an apparent reference to location of the range line in a record on April 18 and May 17, 1890.

BCS tie cards with no date, believed to date from the late 1960s or early 1970s, show Corner 1 as "Stone Located" and Corner 2 as "Found Stones No Measurements."

Corner 1 was excavated on June 26, 2018. Prior to excavation, a vertical section of 5/8 inch rebar was found marking the apparent location of the corner. Excavation of a substantial area around the rebar did not reveal further hard evidence of the corner. The rebar fit with the one remaining distance tie shown on the undated tie card (18' to the corner post on the west edge of the road.) It is noted that apparent disruption in the form of sand amidst the clay was observed in the clay layer below the road bed immediately below the rebar, indicating that some object had been present but removed. It is believed most likely that the stone found in association with the creation of the undated tie card was removed and replaced with a vertical section of railroad rail, which was also later removed. The rebar was accepted as marking the position of the stone found and apparently removed by the BCS crew which created the undated tie card. The rebar was replaced with a Harrison monument in the same position. It is noted that the corner falls slightly north of the wood post on the west edge of the road, which fits with observations at other corners, wherein corner stones are found slightly to one side or another of the old posts on the edge of the road.

Minor excavation was performed around Corner 2 on June 27, 2018. No further evidence was found beyond the vertical section of railroad rail. Though the rail is not mentioned on the undated tie card, it is believed most likely that the found stones were removed and replaced with the rail, as is known to have been a procedure followed by BCS crews from the late 1960s and early 1970s. The rail was accepted as marking the position of the stones previously found. The corner was established on the range line as defined by the position of Corner 1 and a stone found at the standard corner one-half mile south. A Harrison Monument was set in place of the rail, specifically 0.2 foot east of the center of mass of the top of the rail.

Corner 1 was established in 1819. Corner 2 was established in 1820, 97 links (64 feet) south of Corner 1.



Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

James S. Swift
James S. Swift, IN LS 20200054
July 25, 2018

Jefferson Township

Section 1 T18N, R2W	Section 6 T18N, R1W
Section 12 T18N, R2W	Section 7 T18N, R1W

SECTION CORNER RECORD

SW 100-650

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):
North: 1740087.36 East: 3090557.32 (U.S. survey feet)

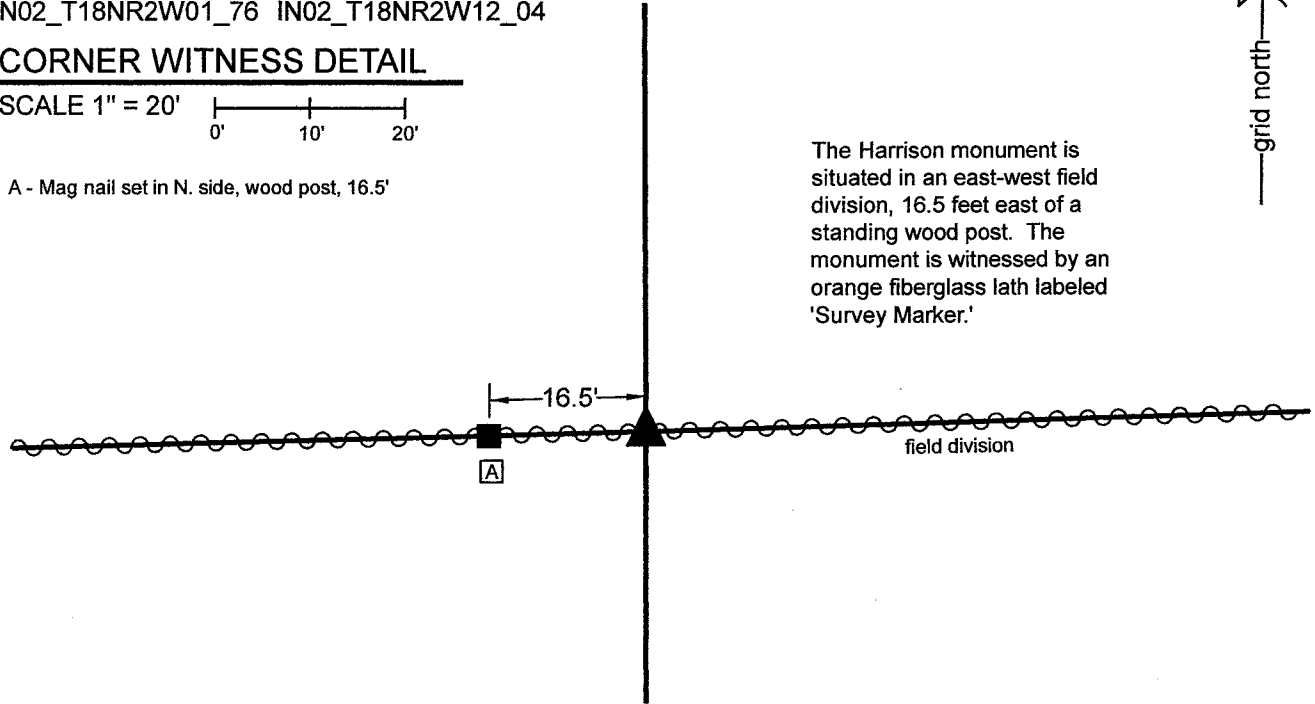
Type of monument: Harrison, 4" disk 'Section Corner'
Depth: 2 inches above surrounding ground

Indiana tie card references:
IN02_T18NR2W01_76 IN02_T18NR2W12_04

CORNER WITNESS DETAIL

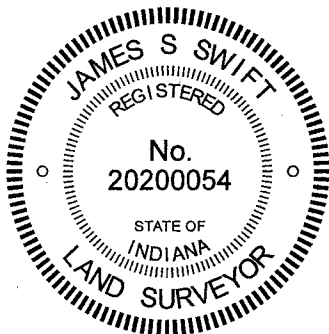
SCALE 1" = 20'
0' 10' 20'

A - Mag nail set in N. side, wood post, 16.5'



The Harrison monument is situated in an east-west field division, 16.5 feet east of a standing wood post. The monument is witnessed by an orange fiberglass lath labeled 'Survey Marker.'

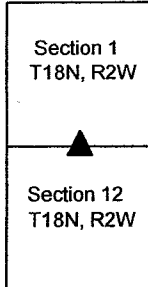
The Harrison monument was set one rod east of a wood post. No specific descriptions of this corner were found in the BCS Surveyor's Record beyond the original establishment of the corner as a wood post in 1820. No BCS tie cards nor surveys recorded in the Office of the Boone County Surveyor were found referencing the corner. An old wood post found in an east-west field division provides evidence of the east-west section line but was determined to be too far west to be at the quarter section corner. Investigation of the position of this post with respect to accessory evidence of the quarter-quarter section lines which are dependent on this corner along with evidence of a deed line to the east clearly indicates that the post is not at the corner. However, it was observed that if the corner is established 1 rod (16.5 feet) east of the post, the position of the corner works well with the various available evidence. It is most likely that the post was the west edge of a gate or lane. One rod is a typical separation for old gates and lanes. The evidence supporting this conclusion includes an old north-south fence along the evident line between the property adjoining this corner to the south and the property to the east thereof. The east line of the property to the south is called as 31 1/9 rods east of this corner per Instrument 210012132, Boone County Recorder. Standing fence is not present at the northeast corner of that property, but was found along the east line, beginning about 50 feet south of the northeast corner. The position of the subject corner computed at one rod east of the found post works within one foot of the northerly prolongation of the standing fence. Also, a post at the occupied position of the northeast corner of the southwest quarter of the southeast quarter of Section 1 works well with the computed position for the corner, whereas the position of the standing post does not. Occupation along the west line of the east half of the southwest quarter of Section 1 also works much better with the computed position than it does with the post. Manual excavation and probing in the vicinity of the corner did not reveal an stones or other evidence such as an old corner post. The position of the corner was computed on the prolongation of the line from the southwest corner of Section 1 through the post, one rod east thereof. A Harrison monument was set at this position on December 2, 2021.



Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

James S. Swift
James S. Swift, IN LS 20200054
December 15, 2021

Jefferson Township



SECTION CORNER RECORD

BOONE COUNTY SURVEYOR'S OFFICE

SW 100-700

State Plane grid coordinates NAD83 (2011):
 North: 1740021.24 East: 3087924.57 (U.S. survey feet)

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

Indiana tie card references:
 IN02_T18NR2W01_72 IN02_T18NR2W02_80
 IN02_T18NR2W11_08 IN02_T18NR2W12_00

CORNER WITNESS DETAIL

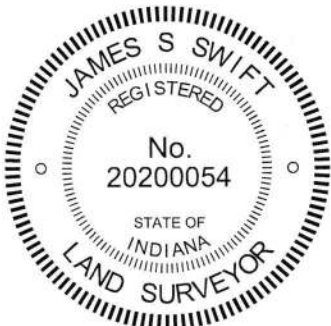
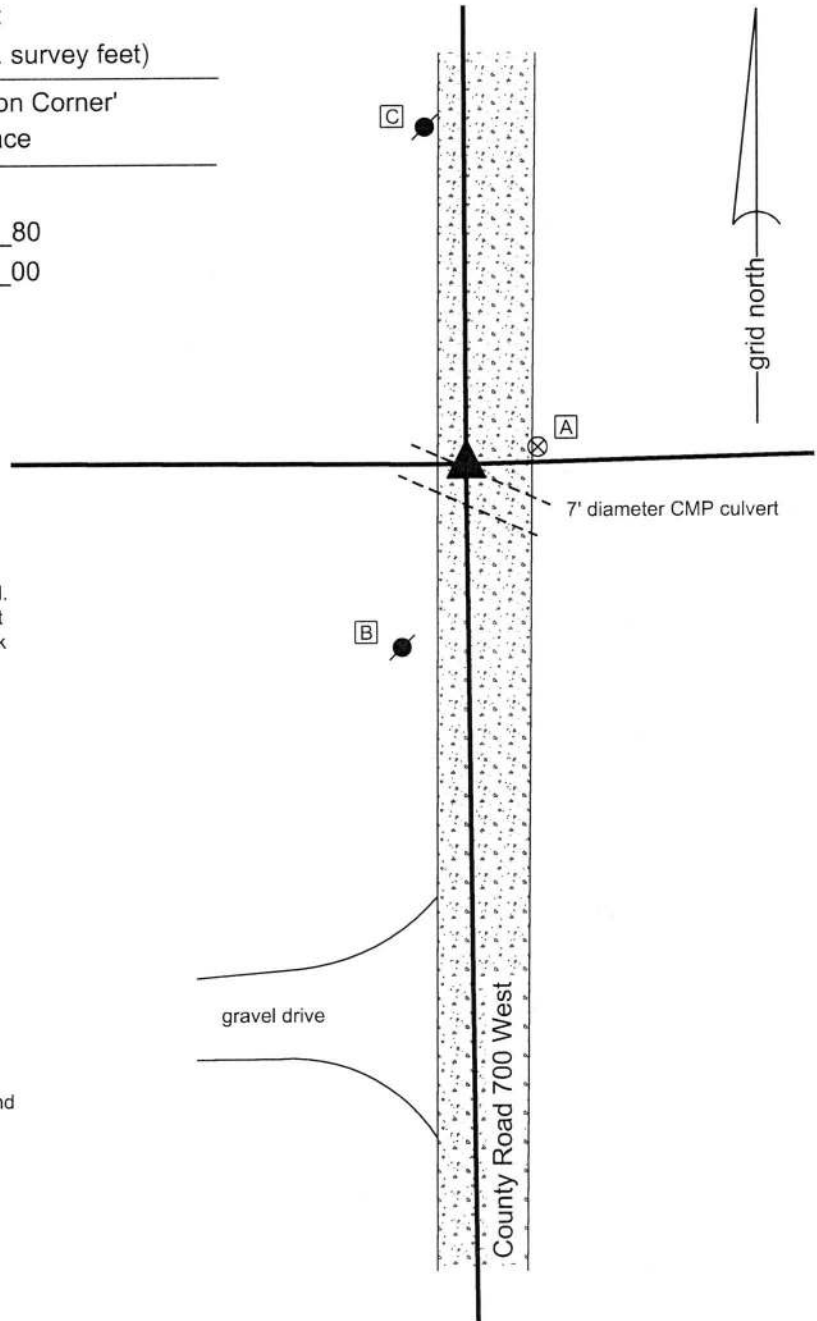
SCALE 1" = 40'

- A - Boone County witness mark, flush, 15.2'
- B - Mag nail set in N. side power pole, 2' a.g., 40.3'
- C - Mag nail set in E. side power pole, 2' a.g., 70.7'

The Harrison monument was set in place of a rebar found. A BCS record of January 21-22, 1873 states, with respect to this corner, "Reest. from stumps of both trees. Set rock 16.12.8 +."

No recent BCS tie cards were found referencing this corner. The corner is shown as a rebar found on The Farrow Minor Plat, Plat Book 11, page 10 and the Taylor Minor Plat, Plat Book 20, page 71, all as recorded in the Office of the Boone County Recorder. Both plats were certified by Jerry L. Carter, LS No. S0350. The rebar called on the two plats was found at 7 inches deep in the gravel roadway. The rebar was 5/8 inch diameter with a red plastic cap stamped 'Witness Point.' The position of the rebar fit well with the relative positions of other monuments and corners shown on the plats. This corner falls at the north edge of a large corrugated metal pipe culvert under County Road 700 West. No possibility of ancient evidence exists, due to the presence of the pipe and obvious disruption of the area associated with installing the pipe. The position of the found rebar works well with the relative positions of proximate corners. The rebar was held as marking the corner. It was removed and replaced with a Harrison monument in the same position on November 25, 2019.

This corner was originally established in 1820.



Kenneth E. Hedge
 Kenneth E. Hedge, County Surveyor

James S. Swift
 James S. Swift, IN LS 20200054
 December 18, 2019

Jefferson Township

Section 2 T18N, R2W	Section 1 T18N, R2W
Section 11 T18N, R2W	Section 12 T18N, R2W