

SECTION CORNER RECORD

NW 300-500

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1761383.99 East: 3098337.82 (U.S. survey feet)

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

Depth: One inch below adjacent road surface

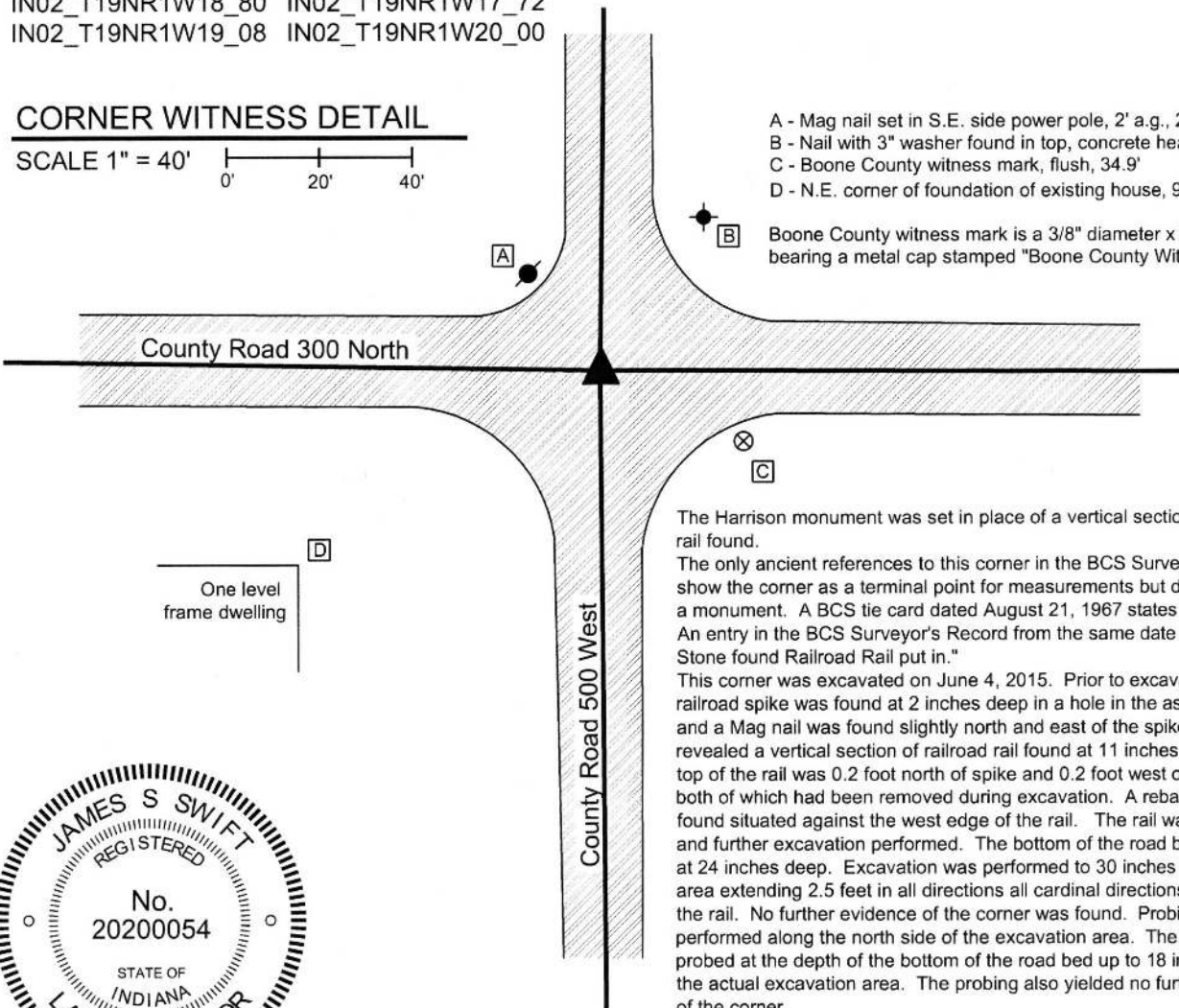
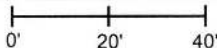
Indiana tie card references:

IN02_T19NR1W18_80 IN02_T19NR1W17_72
IN02_T19NR1W19_08 IN02_T19NR1W20_00



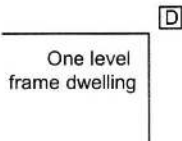
CORNER WITNESS DETAIL

SCALE 1" = 40'



- A - Mag nail set in S.E. side power pole, 2' a.g., 24.4'
- B - Nail with 3" washer found in top, concrete headwall, 40.0'
- C - Boone County witness mark, flush, 34.9'
- D - N.E. corner of foundation of existing house, 92.9'

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



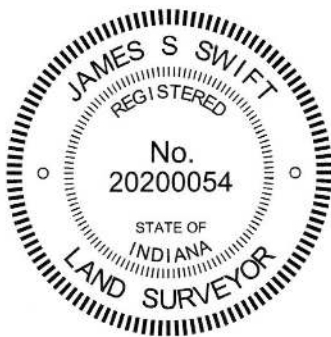
The Harrison monument was set in place of a vertical section of railroad rail found.

The only ancient references to this corner in the BCS Surveyor's Record show the corner as a terminal point for measurements but do not describe a monument. A BCS tie card dated August 21, 1967 states "No stone." An entry in the BCS Surveyor's Record from the same date states "No Stone found Railroad Rail put in."

This corner was excavated on June 4, 2015. Prior to excavation, a railroad spike was found at 2 inches deep in a hole in the asphalt roadway and a Mag nail was found slightly north and east of the spike. Excavation revealed a vertical section of railroad rail found at 11 inches deep. The top of the rail was 0.2 foot north of spike and 0.2 foot west of the mag nail, both of which had been removed during excavation. A rebar was also found situated against the west edge of the rail. The rail was removed and further excavation performed. The bottom of the road bed was found at 24 inches deep. Excavation was performed to 30 inches deep in an area extending 2.5 feet in all directions all cardinal directions, centered on the rail. No further evidence of the corner was found. Probing was performed along the north side of the excavation area. The ground was probed at the depth of the bottom of the road bed up to 18 inches north of the actual excavation area. The probing also yielded no further evidence of the corner.

The railroad rail fit with local evidence of the corner in the form of the approximate centers of the roads which extended in all cardinal directions from the corner. The rail was held as marking the corner. The rail was removed during excavation and a Harrison monument was set in the same position as the rail.

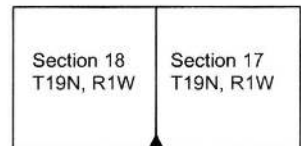
This corner was originally established as a wood post in 1829.



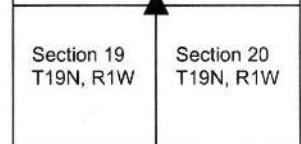
Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

James S. Swift
James S. Swift, IN LS 20200054
March 24, 2016

Washington Township



Jefferson Township



SECTION CORNER RECORD

NW 300-550

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1761426.58 East: 3095702.33 (U.S. survey feet)

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

Depth: One inch below adjacent road surface

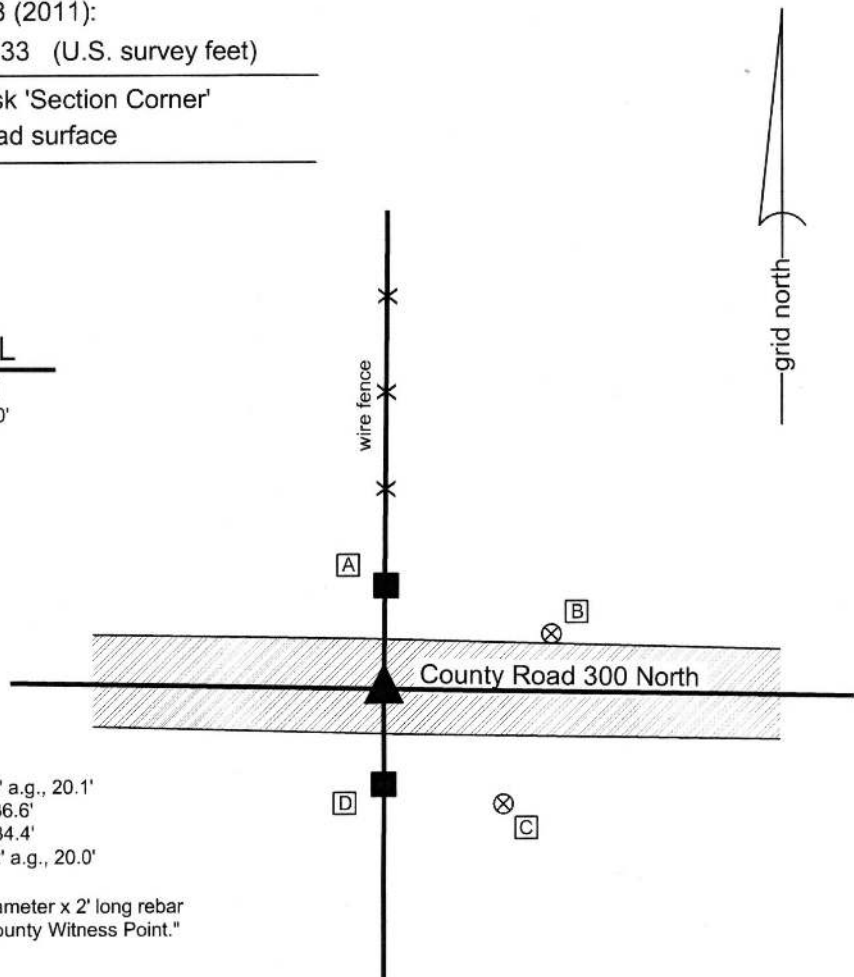
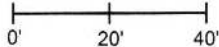
Indiana tie card references:

IN02_T19NR1W18_76

IN02_T19NR1W19_04

CORNER WITNESS DETAIL

SCALE 1" = 40'



- A - Mag nail set in S. side, wood post, 2' a.g., 20.1'
- B - Boone County witness mark, flush, 36.6'
- C - Boone County witness mark, flush, 34.4'
- D - Mag nail set in N. side, wood post, 2' a.g., 20.0'

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

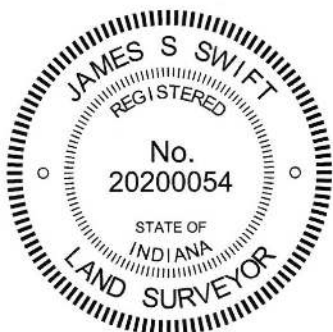
The Harrison monument was set in place of a vertical section of railroad rail found.

A BCS record dated June 13, 1860 states, with respect to this corner, "Reestab'd" but provides no further information. A BCS tie card dated June 3, 1971 states "No stone & RRR put in."

This corner was excavated on June 10, 2015. Prior to excavation, a 5/8 inch diameter rebar with a metal cap (markings illegible) was found at 2 inches deep in a hole in the asphalt roadway. Excavation revealed a vertical section of railroad rail found at 11 inches deep, generally below, though slightly east of the rebar. Two additional rebars were also found, one on the north side and one on the south side of the railroad rail. Excavation of an area extending 3 feet north, 2.5 feet east, 2 feet south, and 2.5 feet west of the rail revealed no further evidence of the corner. The bottom of the road bed was found at 24 inches deep. Excavation was performed to a minimum of 26 inches deep.

The railroad rail was accepted as being the monument called for in the 1971 record. The rail fit with local evidence of the corner in the form of the roadway to the east and west and posts on the north and south sides of the road. The rail was held as marking the corner. The rail and all three rebars were removed during excavation and a Harrison Monument was set in the position of the rail, as found.

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



Kenneth E. Hedge
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James S. Swift
James S. Swift, IN LS 20200054
March 24, 2016

Washington
Township

Section 18
T19N, R1W

Jefferson
Township

Section 19
T19N, R1W

SECTION CORNER RECORD

NW 350-500

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1764033.19 East: 3098361.49 (U.S. survey feet)

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

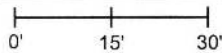
Depth: One inch below adjacent road surface

Indiana tie card references:

IN02_T19NR1W18_44 IN02_T19NR1W17_36

CORNER WITNESS DETAIL

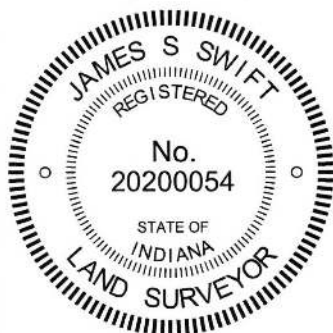
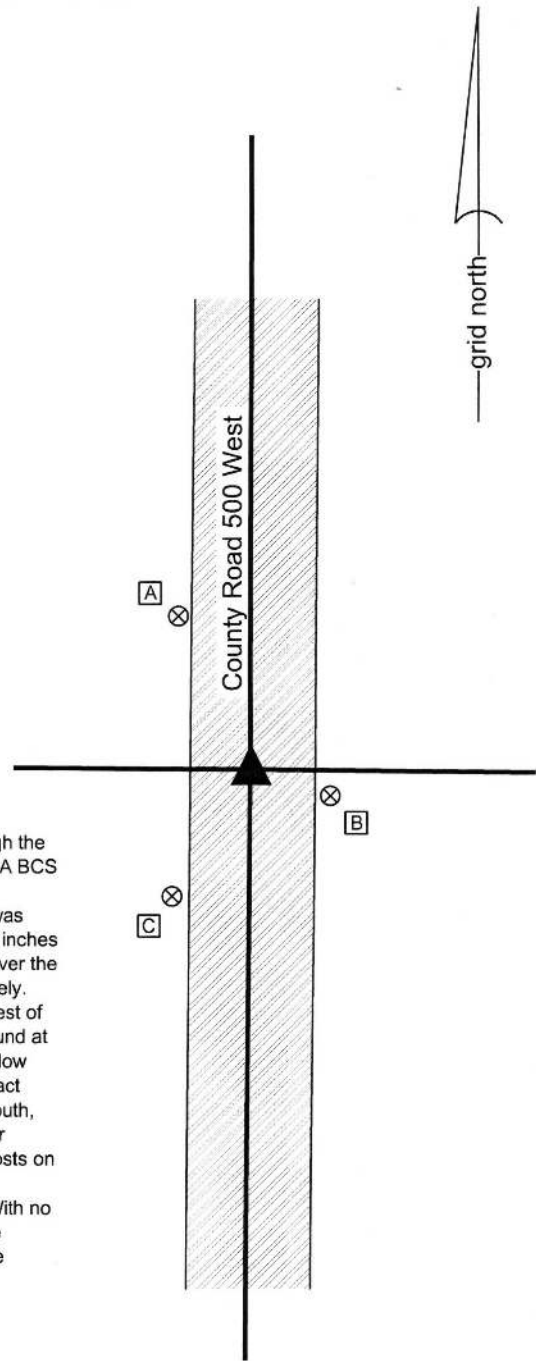
SCALE 1" = 30'



- A - Boone County witness mark, flush, 23.3'
- B - Boone County witness mark, flush, 13.2'
- C - Boone County witness mark, flush, 23.2'

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

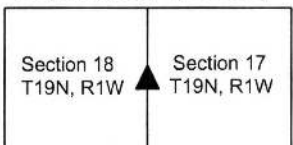
The Harrison monument was set in place of a vertical section of railroad rail found. No specific descriptions of this corner were found in the BCS Surveyor's Record, though the corner is shown as the terminal point for measurements in records of 1838 and 1865. A BCS tie card for this corner dated June 3, 1971 states "No Stone. RRR put in." This corner was excavated on June 5, 2015. Prior to excavation, an uncapped rebar was found at the surface of the asphalt road. Excavation revealed a railroad rail found at 9 inches deep and two other rebars, both slightly shallower. None of the rebars were directly over the rail but all three were within six inches, being N.W., S.W. and N.E. of the rail, respectively. Excavation of an area extending 2.5 feet north, 2 feet east, 2.5 feet south and 5 feet west of the rail revealed no further evidence of the corner. The bottom of the road bed was found at approximately 16 inches. Excavation was performed to a depth of at least 2 inches below the bottom of the road bed. It is noted that excavation was extended west due to the fact that the corner is east of a straight line between the section corners to the north and south, along with the fact that the 1971 tie card demonstrates, by distance ties, that the corner established at that time was 3.5 feet east of the midpoint between the fence corners posts on the east and west sides of the road, respectively. The posts are no longer present. The rail was accepted as being the same monument called for on the 1971 tie card. With no contrary evidence found, the rail was held as marking the corner. The rail and all three rebars were removed during excavation and a Harrison monument was set in the same position as the rail. 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 24, 2016

Washington Township



SECTION CORNER RECORD

NW 350-600

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

Corner 1: North: 1764077.58 East: 3093123.94 (U.S. survey feet)

Corner 2: North: 1764108.50 East: 3093123.94 (U.S. survey feet)

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

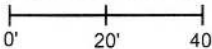
Depth: six inches below adjacent gravel road surface

Indiana tie card references:

IN02_T19NR2W13_44 IN02_T19NR1W18_36

CORNER WITNESS DETAIL

SCALE 1" = 40'



The Harrison monuments were each set in place of vertical sections of railroad rails.

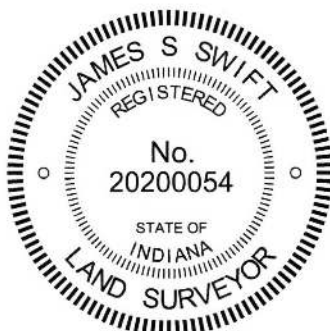
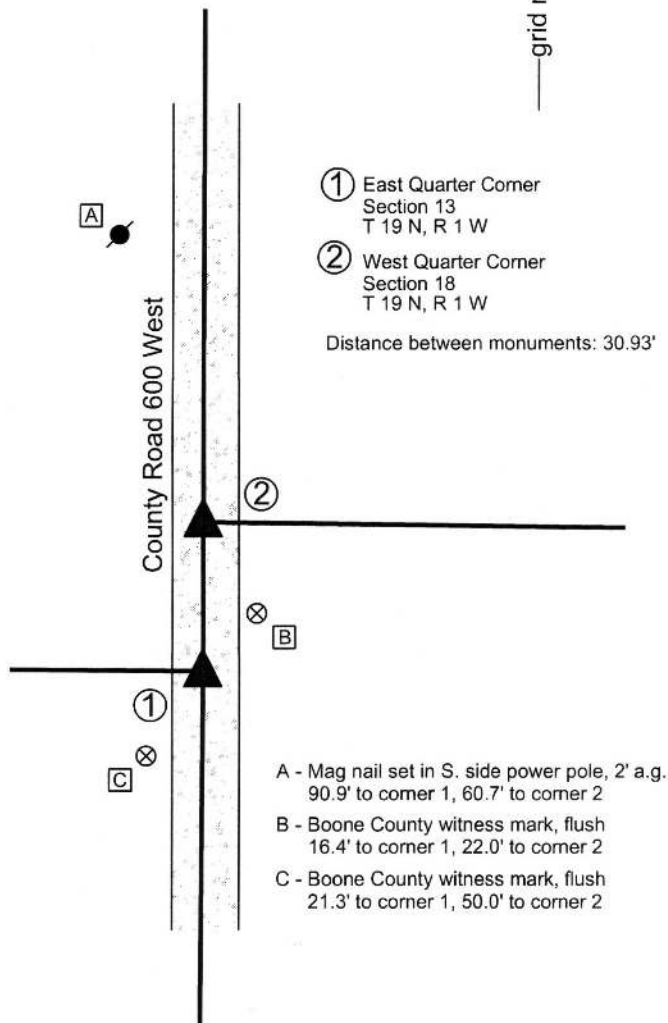
No specific descriptions of corner 1 were found in the BCS Surveyor's Record beyond the original establishment of the corner as a wood post in 1819. More information is available for corner 2, with respect to which a BCS record of April 21, 1892 states "Established by running line from A to A of Section 20. Set rock marked + 18.12.7 at corner."

A BCS tie card for corner 2, dated June 3, 1971, states "Stone located. Put in RRR." A BCS tie card for corner 1, dated June 4, 1971, states "No stone - RRR put in."

This corner was excavated on June 2, 2015. Prior to excavation, two 5/8 inch diameter rebars were found in the vicinity of corner 2, both were situated horizontally, approximately perpendicular to the gravel roadway. Both appeared to have been substantially disturbed by road grading equipment. In 2011, vertical sections of railroad rail had been found marking each of the corners. These monuments were located by RTK GPS on May 25, 2011. At the time of excavation, no rails were found. Subsequent investigation revealed that the rails had been removed by BC Highway Department employees to facilitate grading of the road.

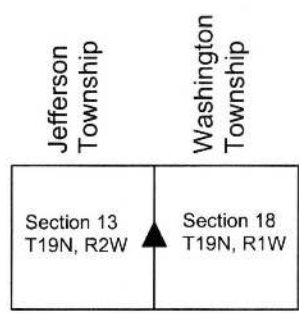
Excavation at both corners revealed no further evidence. The rails found in 2011 were accepted as representing the monuments set in 1971 and the positions of the corners were perpetuated from the previous GPS positions. Given the superiority of the records for corner 2, with a stone called set in 1892 and a stone found and replaced with a rail in 1971, the position of corner 2 was held firm. A Harrison monument was set at corner 2 in the position of the rail, as found and located in 2011. Corner 1 was established on the range line as defined by a prolongation of the line from the stone found at the closing corner 1/2 mile north through corner 2. A Harrison monument was set at 30.9 feet (the distance measured between the rails in 2011) south of corner 2. This point falls 0.2 foot east of the former position of the rail at corner 1. Note, the calculated government closing distance between these corners is 46 links, which equates to 30.3 feet.

Corner 1 was originally established as a wood post in 1819. Corner 2 was not set on the original federal survey, but was firmly established in 1892, as noted above.



Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

James S. Swift
James S. Swift, IN LS 20200054
March 24, 2016



SECTION CORNER RECORD

NW 400-500

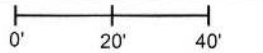
BOONE COUNTY SURVEYOR'S OFFICE

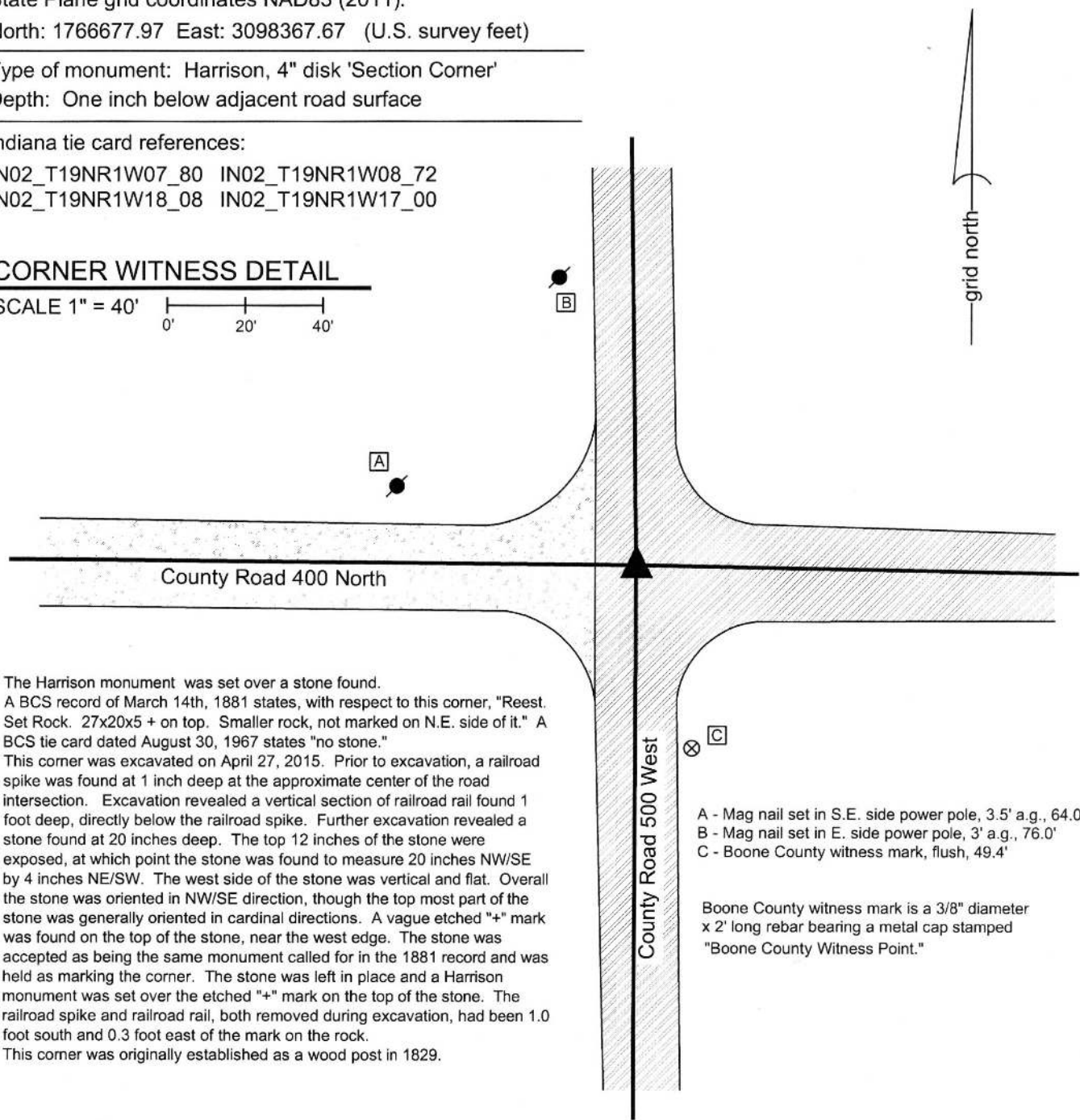
State Plane grid coordinates NAD83 (2011):
North: 1766677.97 East: 3098367.67 (U.S. survey feet)

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

Indiana tie card references:
IN02_T19NR1W07_80 IN02_T19NR1W08_72
IN02_T19NR1W18_08 IN02_T19NR1W17_00

CORNER WITNESS DETAIL

SCALE 1" = 40' 




The Harrison monument was set over a stone found. A BCS record of March 14th, 1881 states, with respect to this corner, "Reest. Set Rock. 27x20x5 + on top. Smaller rock, not marked on N.E. side of it." A BCS tie card dated August 30, 1967 states "no stone." This corner was excavated on April 27, 2015. Prior to excavation, a railroad spike was found at 1 inch deep at the approximate center of the road intersection. Excavation revealed a vertical section of railroad rail found 1 foot deep, directly below the railroad spike. Further excavation revealed a stone found at 20 inches deep. The top 12 inches of the stone were exposed, at which point the stone was found to measure 20 inches NW/SE by 4 inches NE/SW. The west side of the stone was vertical and flat. Overall the stone was oriented in NW/SE direction, though the top most part of the stone was generally oriented in cardinal directions. A vague etched "+" mark was found on the top of the stone, near the west edge. The stone was accepted as being the same monument called for in the 1881 record and was held as marking the corner. The stone was left in place and a Harrison monument was set over the etched "+" mark on the top of the stone. The railroad spike and railroad rail, both removed during excavation, had been 1.0 foot south and 0.3 foot east of the mark on the rock. This corner was originally established as a wood post in 1829.

- A - Mag nail set in S.E. side power pole, 3.5' a.g., 64.0'
- B - Mag nail set in E. side power pole, 3' a.g., 76.0'
- C - Boone County witness mark, flush, 49.4'

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




Kenneth E. Hedge, County Surveyor


James S. Swift, IN LS 20200054
March 24 2016

Washington Township

Section 7 T19N, R1W	Section 8 T19N, R1W
Section 18 T19N, R1W	Section 17 T19N, R1W

SECTION CORNER RECORD

NW 400-600

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1766726.97 East: 3093128.13 (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_T19NR2W12_80 IN02_T19NR1W07_72

IN02_T19NR2W13_08 IN02_T19NR1W18_00

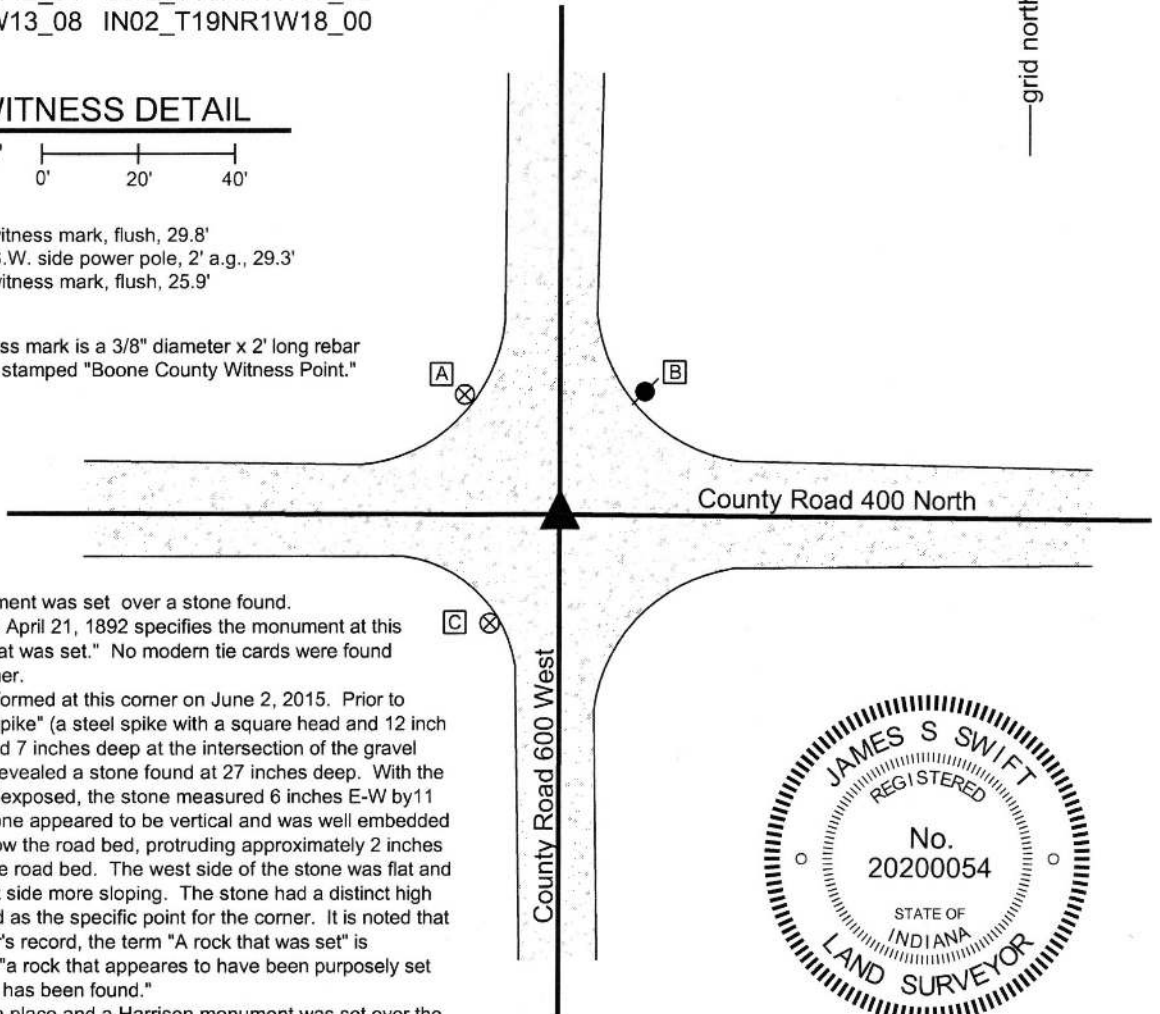


CORNER WITNESS DETAIL

SCALE 1" = 40'

- A - Boone County witness mark, flush, 29.8'
- B - Mag nail set in S.W. side power pole, 2' a.g., 29.3'
- C - Boone County witness mark, flush, 25.9'

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

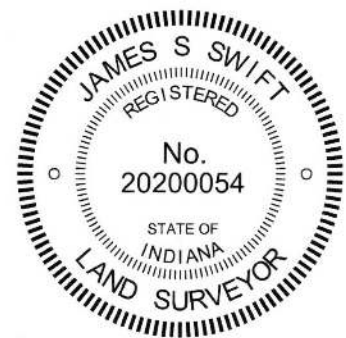


The Harrison monument was set over a stone found. A BCS record dated April 21, 1892 specifies the monument at this corner as "A rock that was set." No modern tie cards were found referencing this corner.

Excavation was performed at this corner on June 2, 2015. Prior to excavation, a "bolt spike" (a steel spike with a square head and 12 inch long shaft) was found 7 inches deep at the intersection of the gravel roads. Excavation revealed a stone found at 27 inches deep. With the top 11 inches stone exposed, the stone measured 6 inches E-W by 11 inches N-S. The stone appeared to be vertical and was well embedded in the clay layer below the road bed, protruding approximately 2 inches into the bottom of the road bed. The west side of the stone was flat and vertical and the east side more sloping. The stone had a distinct high point which was held as the specific point for the corner. It is noted that in the BCS Surveyor's record, the term "A rock that was set" is interpreted to mean "a rock that appears to have been purposely set as a monument and has been found."

The stone was left in place and a Harrison monument was set over the top, high point. The bolt spike, removed during excavation, had been 0.6 of a foot north of the high point of the stone.

This corner was originally established as a wood post in 1819. The federal notes from 1829 subdivision of the township call the corner as closing on the existing post. Hence, though this corner falls on a range line, it is not a double corner.



Washington Township

Kenneth E. Hedge, County Surveyor

James S. Swift, IN LS 20200054

March 24, 2016

Sugar Creek Township

Jefferson Township

Section 12 T19N, R2W	Section 7 T19N, R1W
Section 13 T19N, R2W	Section 18 T19N, R1W

PHOTOGRAPHIC DOCUMENTATION

Date of photography: June 2, 2015

The stone as it was originally exposed.



The stone more fully exposed.



View from above the stone looking west along County Road 400 North.



View from the north, looking across the stone and south along County Road 600 West.



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