

SECTION CORNER RECORD

NW 700-250

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):

North: 1782547.98 East: 3111597.04 (U.S. survey feet)

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

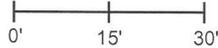
Depth: One inch below adjacent road surface

Indiana tie card references:

IN02_T20NR1W27_76 IN02_T20NR1W34_04

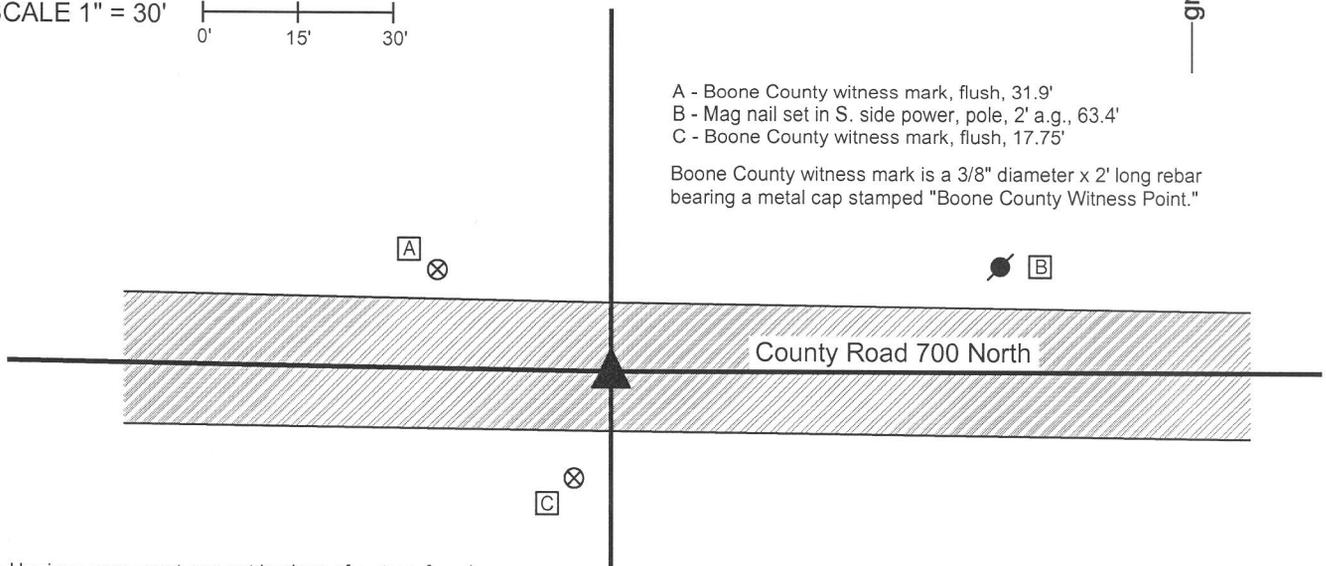
CORNER WITNESS DETAIL

SCALE 1" = 30'



- A - Boone County witness mark, flush, 31.9'
- B - Mag nail set in S. side power, pole, 2' a.g., 63.4'
- C - Boone County witness mark, flush, 17.75'

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 stone found.

A BCS record dated March 23, 1874 states, with respect to this corner, "Reestablished from stump of Poplar and after finding a stake I drove when surveying the road when I had both trees, Set Two Rocks. Under one 12x7x6 +. Top one 12x11x6 +." No recent BCS tie cards were found referencing this corner.

Excavation was performed at this corner on July 3, 2014. Prior to excavation a Mag nail was found at the surface of the road in line with occupation lines to the north and south. Excavation revealed a vertical section of railroad rail found at 6 inches deep, north and west of the nail. Further excavation revealed a stone found at 12 inches deep, slightly south and east of both the nail and rail. As found, the stone appeared to be leaning to the east, presumably having been displaced from its vertical position by road grading equipment. The stone was stood up in a vertical orientation and an etched "+" mark was clearly visible on the top of the stone. As stood up the stone measured 13 inches tall by 11 inches N-S by 6 inches E-W. This stone was accepted as being the top stone described in the 1874 record. The stone was removed and the lower stone was searched for but not found. Further excavation of an area being approximately 30 inches wide, centered in the N-S dimension on the found stone and extending 2 feet east and 3 feet west of the stone yielded no further evidence of the corner. No explanation is offered for the fact that the record lower stone was not found. It is possible that the upper stone had been displaced from its original position when it was knocked, hence moved from over the lower stone. However, this is not considered likely, given that the upper stone was well embedded in the clay layer below the road and appeared merely to be leaning, not displaced. If it was displaced, it seems even less likely that it would have been moved more than 2 feet and yet remained partially vertical. The position of the stone of the corner, as stood vertical where it was originally found, was held as marking the corner. A Harrison monument was set in this position. The Mag nail and railroad rail were both removed during excavation. The source of these monuments is not known. The Mag nail had been 0.4 foot north and 0.3 foot west of the corner. The rail had been 1 foot north and 1 foot west of the corner.

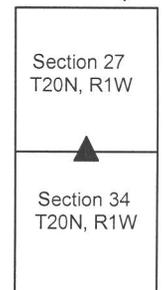
This corner was originally established as a wood post in 1829.



Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

James S. Swift
James S. Swift, IN LS 20200054
March 27, 2015

Washington Township



PHOTOGRAPHIC DOCUMENTATION

Date of photography: July 3, 2014

The stone as originally found, leaning towards the east (which is to the left on this picture.)



The excavation area with #53 stone in the bottom of the trench, approximately 30" wide by 5' long excavated in search of the record lower stone.



The stone stood up, showing the etched "+" mark on top.



View from the west, looking across the stone and east along County Road 700 North.



The same picture as above with the mark visually enhanced for ease of visual detection.



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

SECTION CORNER RECORD

NW 750-300

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):

North: 1785231.74 East: 3108975.58 (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_T20NR1W28_44 IN02_T20NR1W27_36

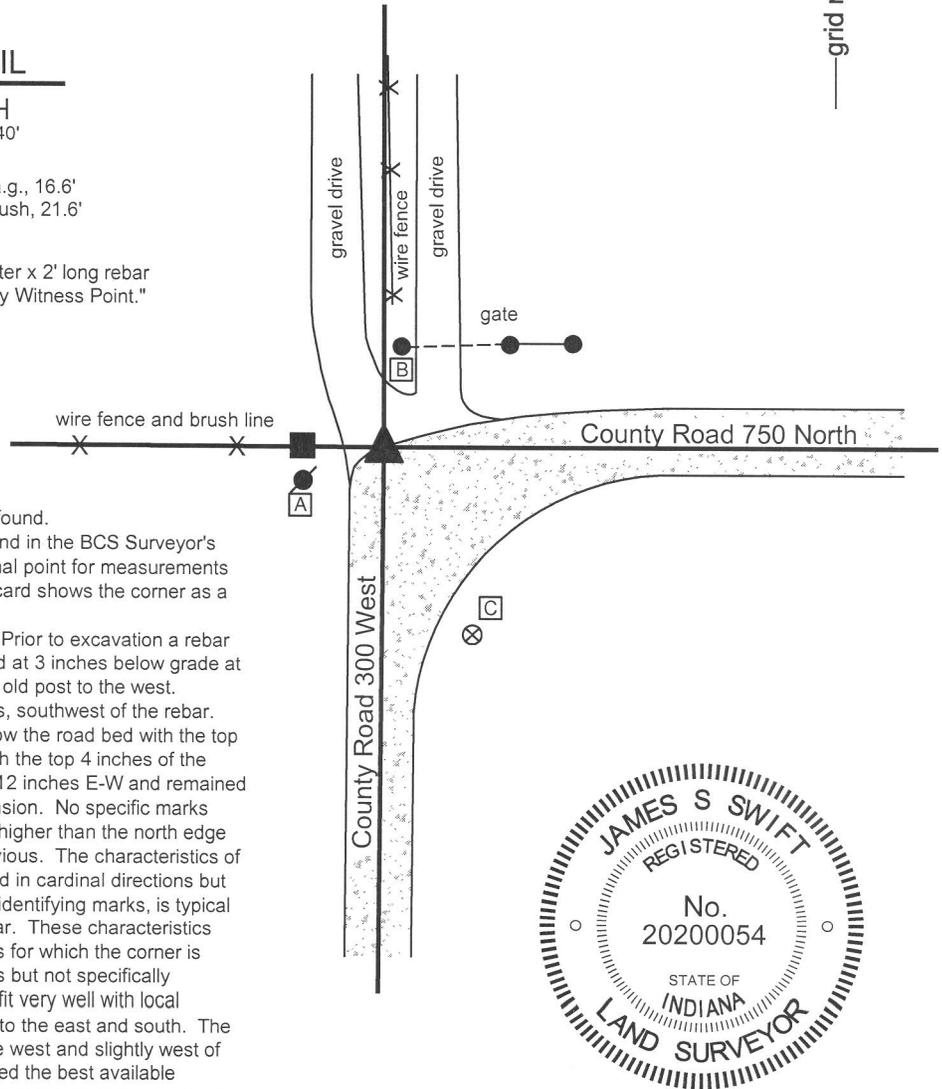


CORNER WITNESS DETAIL

SCALE 1" = 40'

- A - Mag nail set in E. side of power pole, 2' a.g., 16.6'
- B - South edge galvanized steel gate post, flush, 21.6'
- C - Boone County witness point, flush, 43.2'

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 over a stone found.

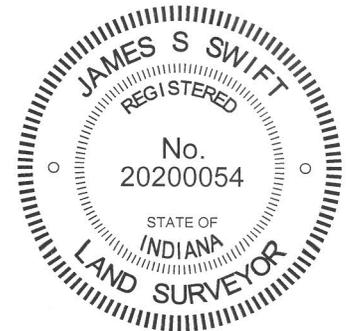
No specific descriptions of this corner were found in the BCS Surveyor's Record. The corner is mentioned as the terminal point for measurements in records of 1839 and 1871. A 1996 BCS tie card shows the corner as a rebar with no documentation of source.

This corner was excavated on June 26, 2014. Prior to excavation a rebar with a plastic cap (markings illegible) was found at 3 inches below grade at the 90 degree bend in the road and east of the old post to the west.

Excavation revealed a stone found at 16 inches, southwest of the rebar.

The stone was embedded in the clay layer below the road bed with the top of the stone at the bottom of the road bed. With the top 4 inches of the stone exposed, it measured 14 inches N-S by 12 inches E-W and remained stable, clearly much larger in the vertical dimension. No specific marks were found. The south edge of the stone was higher than the north edge though a clearly defined high point was not obvious. The characteristics of this stone, being embedded in the clay, oriented in cardinal directions but neither being specifically vertically nor bearing identifying marks, is typical of stones found for which the records are similar. These characteristics have been observed for numerous other stones for which the corner is identified as the terminal point for measurements but not specifically described by the County Surveyor. The stone fit very well with local evidence in the form of the centers of the road to the east and south. The stone was generally in line with the fence to the west and slightly west of the fence to the north. The stone was accepted the best available evidence of the corner. The highest point of the stone, near the south edge of the stone, was held as marking the corner and a Harrison monument was set over this point. The rebar, removed during construction, had been 1 foot east and 1 foot north.

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



Kenneth E. Hedge, County Surveyor

James S. Swift, IN LS 20200054

March 27, 2015

Washington Township

Section 28 T20N, R1W	Section 27 T20N, R1W
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PHOTOGRAPHIC DOCUMENTATION

Date of photography: June 26, 2014

The stone as originally found.



The stone more fully exposed.



View from the north, looking across the stone and south along County Road 300 West.



The stone and the fence/brush line to the west. The end post of the fence is to the right of the sign.



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

SECTION CORNER RECORD

NW 800-200

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):

North: 1787863.62 East: 3114216.80 (U.S. survey feet)

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

Depth: One inch below adjacent road surface

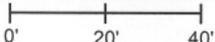
Indiana tie card references:

IN02_T20NR1W22_80 IN02_T20NR1W23_72

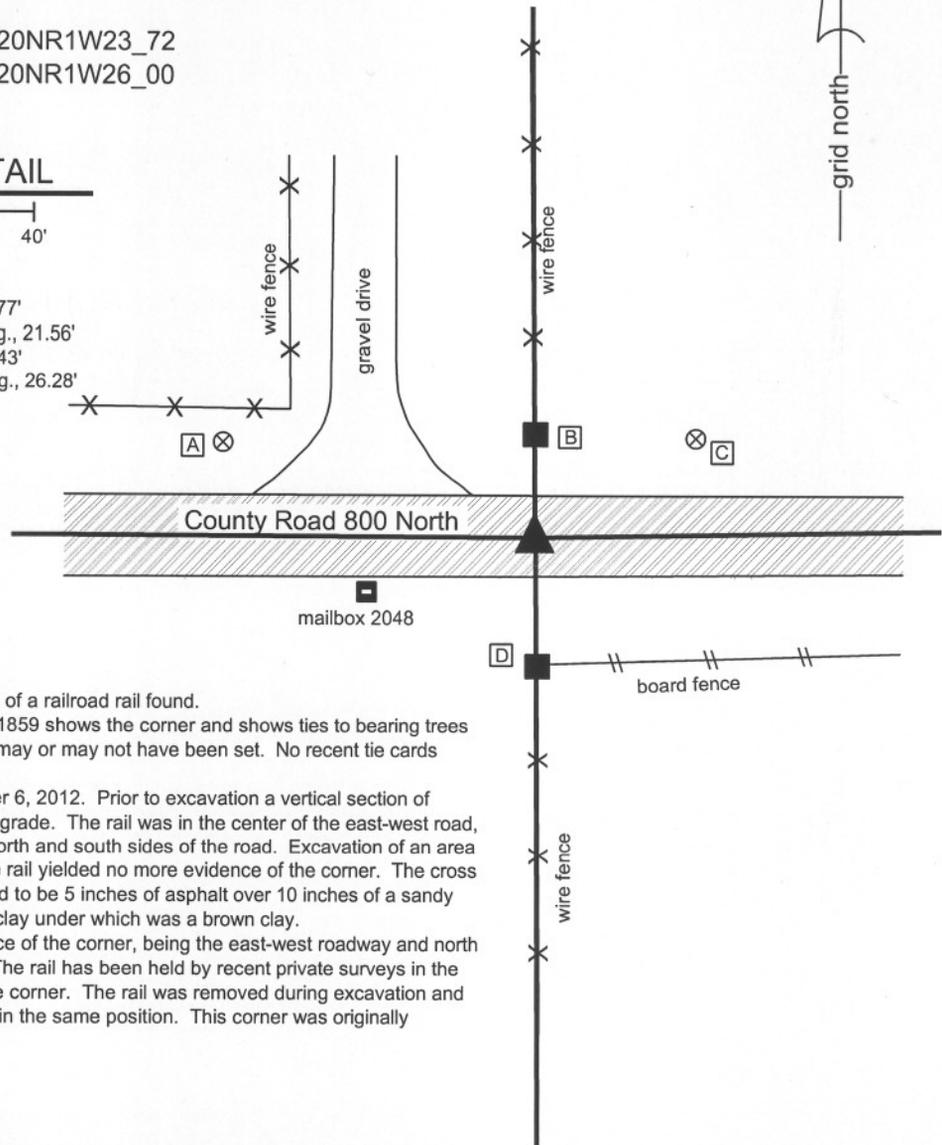
IN02_T20NR1W27_08 IN02_T20NR1W26_00

CORNER WITNESS DETAIL

SCALE 1" = 40'



- A - Boone County witness mark, flush, 68.77'
- B - Mag nail set in E. side wood post, 1' a.g., 21.56'
- C - Boone County witness mark, flush, 39.43'
- D - Mag nail set in N. side wood post, 1' a.g., 26.28'



The harrison monument was set in place of a railroad rail found.

A record of A BCS record of August 25, 1859 shows the corner and shows ties to bearing trees but does not state what monumentation may or may not have been set. No recent tie cards have been found referencing this corner.

This corner was excavated on September 6, 2012. Prior to excavation a vertical section of railroad rail was found at 4 inches below grade. The rail was in the center of the east-west road, opposite the wood corner posts on the north and south sides of the road. Excavation of an area 5 feet N-S by 5 feet E-W centered on the rail yielded no more evidence of the corner. The cross section of the road at this point was found to be 5 inches of asphalt over 10 inches of a sandy gravel material over 10 inches of a blue clay under which was a brown clay.

The railroad rail fits with the local evidence of the corner, being the east-west roadway and north south fences on each side of the road. The rail has been held by recent private surveys in the vicinity. The rail was held as marking the corner. The rail was removed during excavation and was replaced with a harrison monument in the same position. 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
November 5, 2012

Washington Township

Section 22 T20N, R1W	Section 23 T20N, R1W
Section 27 T20N, R1W	Section 26 T20N, R1W