

SECTION CORNER RECORD

BOONE COUNTY SURVEYOR'S OFFICE

NE 300-300

State Plane grid coordinates NAD83 (CORS96):

North: 1761579.91 East: 3140427.34 (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_T19NR1E16_80 IN02_T19NR1E15_72

IN02_T19NR1E21_08 IN02_T19NR1E22_00

CORNER WITNESS DETAIL

SCALE 1" = 40'

- A - Mag nail set in S. side power pole, 2' a.g., 107.03'
- B - Mag nail set in E. side wood post, 2' a.g., 15.49'
- C - Boone County witness mark, flush, 27.78'
- D - Mag nail set in N. side power pole, 2' a.g., 132.76'

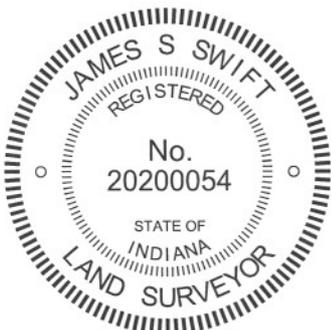
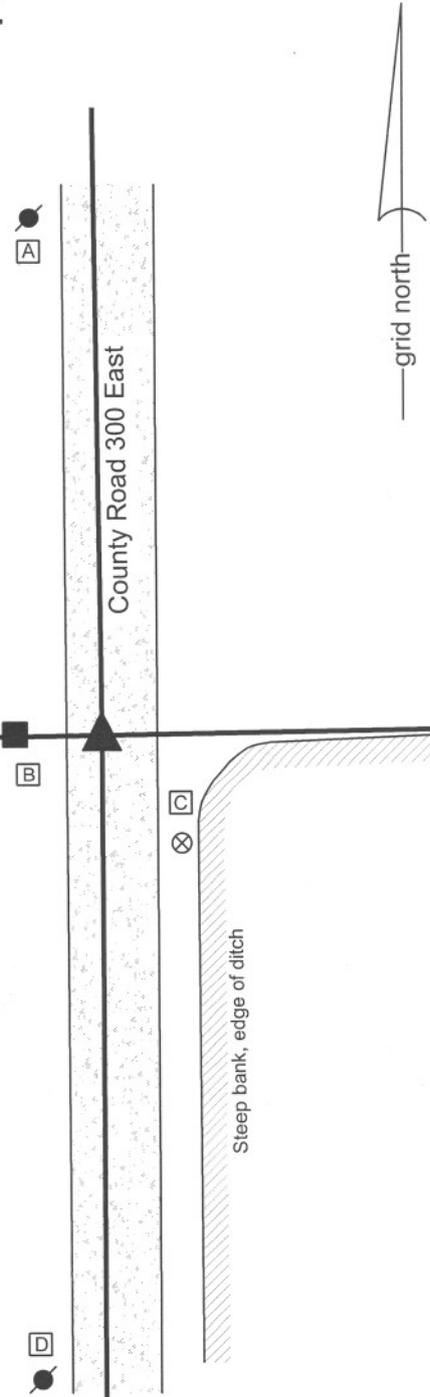
Boone County witness mark is a 3/8" diameter x 2' long rebar bearing a metal cap stamped "Boone County Witness Point."

The harrison monument was set in place of vertical section of railroad rail.

No specific descriptions of this corner were found in the BCS Surveyor's Record. A BCS tie card dated November, 1970 states "no stone." A BCS tie card dated July 27, 2005 shows the corner as a steel rail with no documentation of source.

This corner was excavated on March 10, 2011. Prior to excavation, a railroad rail was found at 4 inches deep. Excavation of an area extending 6 feet north, 4 feet east, 5 feet south and 6 feet west of the rail did not yield any further evidence of the corner. It is most likely that the rail was set in association with the 1970 tie card. The rail does fit with the local evidence of the corner, being located in the approximate center of the north-south county road and immediately east of an old wood end post on the west side of the road. The rail was accepted as the best available evidence of the corner. The rail was removed during excavation and replaced with a harrison monument in the same position.

This corner was originally established as a wood post in June, 1822.



Kenneth E. Hedge
 Kenneth E. Hedge, County Surveyor

James S. Swift
 James S. Swift, IN LS 20200054
 March 1, 2012

Center Township

Section 16 T19N, R1E	Section 15 T19N, R1E
Section 21 T19N, R1E	Section 22 T19N, R1E

SECTION CORNER RECORD

NE 300-400

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):

North: 1761652.77 East: 3145628.76 (U.S. survey feet)

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

Depth: six inches below adjacent gravel road surface

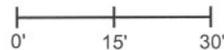
Indiana tie card references:

IN02_T19NR1E15_80 IN02_T19NR1E14_72

IN02_T19NR1E22_08 IN02_T19NR1E23_00

CORNER WITNESS DETAIL

SCALE 1" = 30'

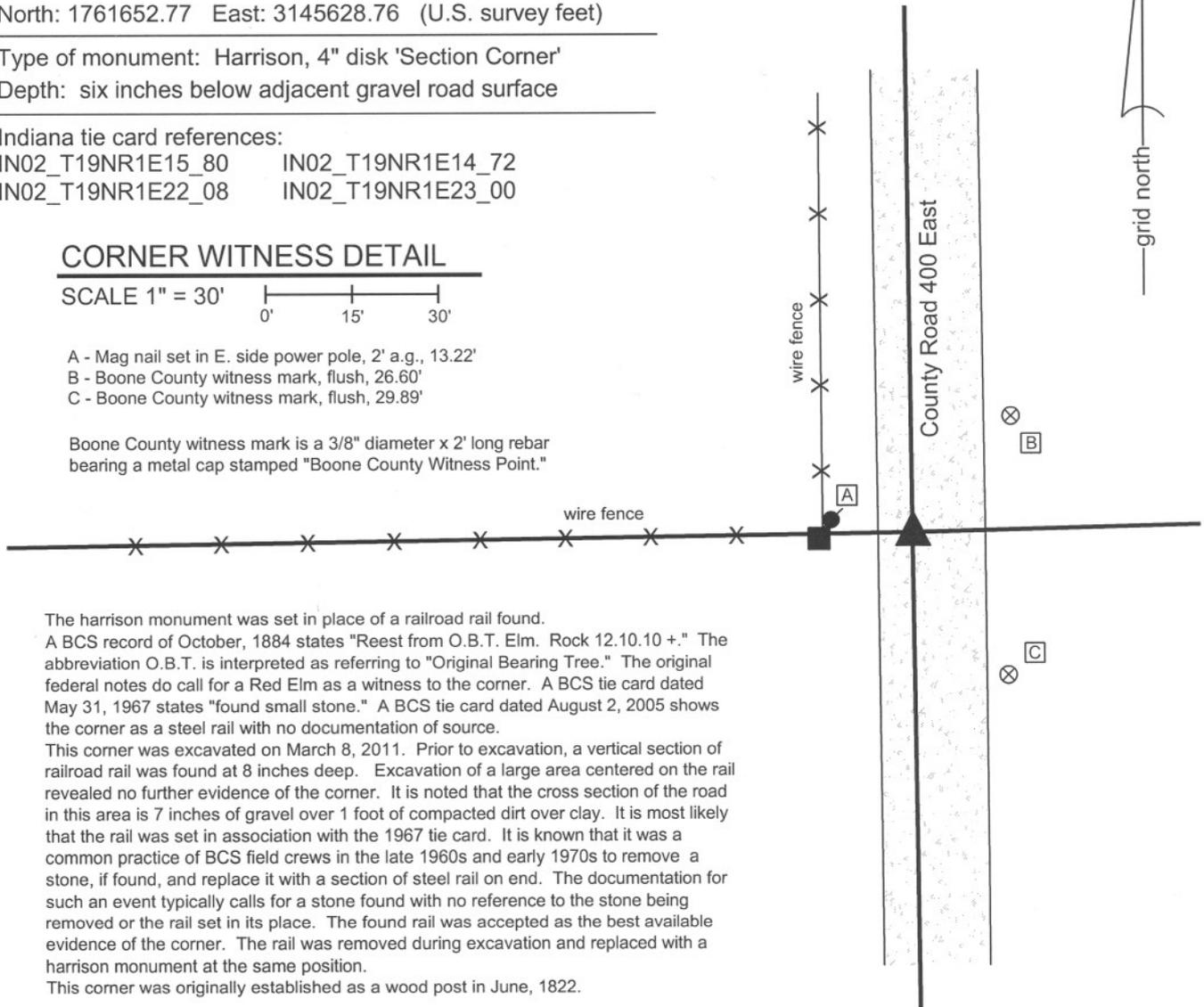


A - Mag nail set in E. side power pole, 2' a.g., 13.22'

B - Boone County witness mark, flush, 26.60'

C - Boone County witness mark, flush, 29.89'

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

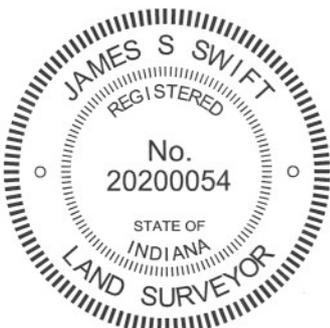


The harrison monument was set in place of a railroad rail found.

A BCS record of October, 1884 states "Reest from O.B.T. Elm. Rock 12.10.10 +." The abbreviation O.B.T. is interpreted as referring to "Original Bearing Tree." The original federal notes do call for a Red Elm as a witness to the corner. A BCS tie card dated May 31, 1967 states "found small stone." A BCS tie card dated August 2, 2005 shows the corner as a steel rail with no documentation of source.

This corner was excavated on March 8, 2011. Prior to excavation, a vertical section of railroad rail was found at 8 inches deep. Excavation of a large area centered on the rail revealed no further evidence of the corner. It is noted that the cross section of the road in this area is 7 inches of gravel over 1 foot of compacted dirt over clay. It is most likely that the rail was set in association with the 1967 tie card. It is known that it was a common practice of BCS field crews in the late 1960s and early 1970s to remove a stone, if found, and replace it with a section of steel rail on end. The documentation for such an event typically calls for a stone found with no reference to the stone being removed or the rail set in its place. The found rail was accepted as the best available evidence of the corner. The rail was removed during excavation and replaced with a harrison monument at the same position.

This corner was originally established as a wood post in June, 1822.



Kenneth E. Hedge
 Kenneth E. Hedge, County Surveyor

James S. Swift
 James S. Swift, IN LS 20200054
 March 1, 2012

Center Township

Section 15 T19N, R1E	Section 14 T19N, R1E
Section 22 T19N, R1E	Section 23 T19N, R1E

SECTION CORNER RECORD

NE 350-300

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):

North: 1764226.75 East: 3140395.35 (U.S. survey feet)

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

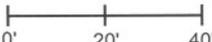
Depth: six inches below adjacent gravel road surface

Indiana tie card references:

IN02_T19NR1E15_36

IN02_T19NR1E16_44

CORNER WITNESS DETAIL

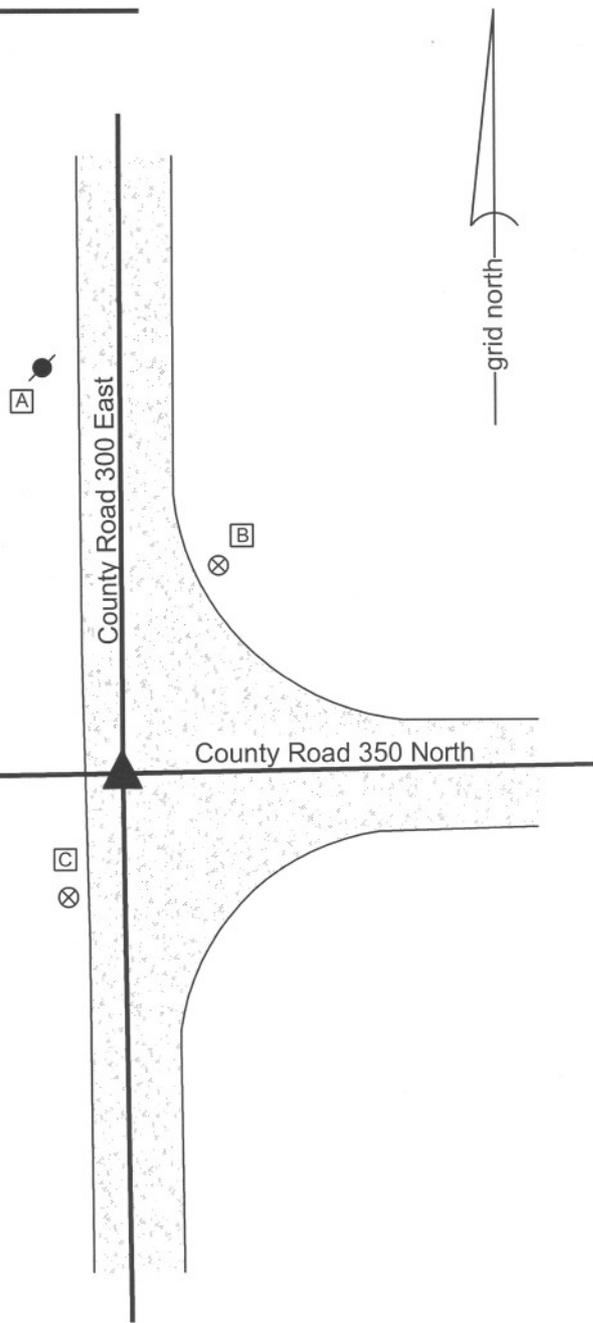
SCALE 1" = 40' 

A - Mag nail set in S. side power pole, 2' a.g., 89.38'

B - Boone County witness mark, flush, 47.60'

C - Boone County witness mark, flush, 28.06'

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



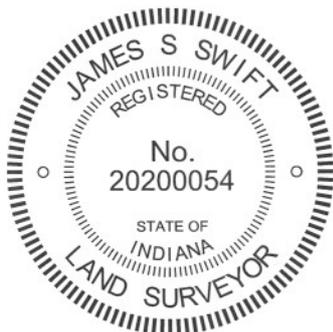
The harrison monument was set in place of a stone found.

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 1851, 1852 and 1861. A BCS tie card dated November 1970 states "no stone." A BCS tie card dated July 27, 2005 shows the corner as a steel rail with no documentation of source.

This corner was excavated on March 17, 2011. Prior to excavation a vertical section of railroad rail was found at 3 inches deep. Excavation revealed a stone found at 4 inches deep. The stone measured 22 inches tall by 10 inches N-S by 8 inches E-W. The stone was embedded in the clay layer below the road, protruding 3 inches out of the clay layer into the bottom of the road bed. No specific markings were found on the stone. The stone was 1.2 feet east and 3.5 feet south of the rail. The stone fit better than the rail with local evidence in the form of the centers of the county roads, being closer to the westerly extension of the center of County Road 350 North.

It is most likely that the rail was set in association with the 1970 tie card. Clearly the statement "no stone" on that document was erroneous. Both the stone and the rail were removed. A harrison monument was set in the position of the top center point of the stone.

This corner was originally established as a wood post in June, 1822.



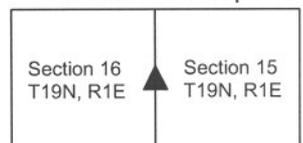
Kenneth E. Hedge

 Kenneth E. Hedge, County Surveyor

James S. Swift

 James S. Swift, IN LS 20200054
 March 1, 2012

Center Township



PHOTOGRAPHIC DOCUMENTATION

Date of photography: March 17, 2011

View of the stone from above and north.



View of the stone from above and south.



View of from the west, looking across the stone along east along County Road 350 North.



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



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

SECTION CORNER RECORD

NE 350-400

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):

North: 1764313.20 East: 3145599.57 (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_T19NR1E14_36 IN02_T19NR1E15_44

CORNER WITNESS DETAIL

SCALE 1" = 40'



- A - Boone County witness mark, flush, 39.19'
- B - Boone County witness mark, flush, 43.33'
- C - Mag nail set in E. side power pole, 2' a.g., 24.42'

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



County Road 400 East

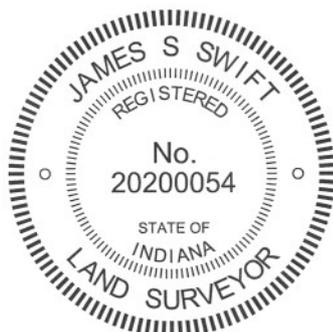
County Road 350 North

The harrison monument was set over a stone found.

A BCS record of October 17, 1870 states "Reestablished from one tree. set a rock 12.10 by 6 + and four small ones under it." A BCS tie card dated October, 1975 states "No stone - set rail." A BCS tie card dated August 2, 2005 shows the corner as a harrison monument with no documentation of source.

This corner was excavated on March 3, 2011. Prior to excavation a vertical section of railroad rail was found at 10 inches deep in the gravel road. No harrison monument was found. Excavation revealed a stone found at 24 inches deep. The stone is embedded in the clay layer below the road with the top of the stone at the bottom of the road bed. The stone has a clearly etched "+" on the top. With 8 inches of the top of the stone exposed, it measures 12 inches E-W by 9 inches N-S (though the top portion of the rock is 6 inches E-W). The north edge of the stone is approximately 9 inches tall. The generally stone matches the 1870 record dimensions if the E-W dimension is interpreted as being the top. It has been noted at several corners that irregular shaped rocks may be interpreted as having a variety of measurements. Typically, though not always, the recorded dimensions represent the largest dimensions. Occasionally, the recorded dimensions fit with an obvious part of the stone, such as the top. In any case, the dimensions of the stone are close to the record dimensions and the stone matches the characteristics of other rocks found marking corners, being embedded in the clay layer below the road, situated upright, oriented in cardinal directions and etched with a "+." The stone was held as marking the corner and left in place. The harrison monument was set directly over the etched "+" on the top of the stone. The railroad rail, removed during excavation, had been 1.0 foot east and 1.3 feet north of the stone.

This corner was originally established as a wood post in June, 1822.



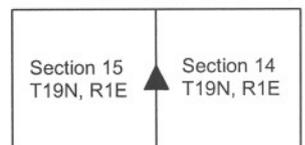
Kenneth E. Hedge

 Kenneth E. Hedge, County Surveyor

James S. Swift

 James S. Swift, IN LS 20200054
 March 1, 2012

Center Township



PHOTOGRAPHIC DOCUMENTATION

Date of photography: March 3, 2011

View of the stone as first exposed.



View of the stone from above and south.



View from the east, looking across the stone (in shadows) and west along County Road 350 North.



View of the stone from above and north.



Same view as above, close-up.



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

SECTION CORNER RECORD

BOONE COUNTY SURVEYOR'S OFFICE

NE 400-400

State Plane grid coordinates NAD83 (CORS96):

North: 1766962.85 East: 3145574.53 (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_T19NR1E10_80

IN02_T19NR1E11_72

IN02_T19NR1E15_08

IN02_T19NR1E14_00

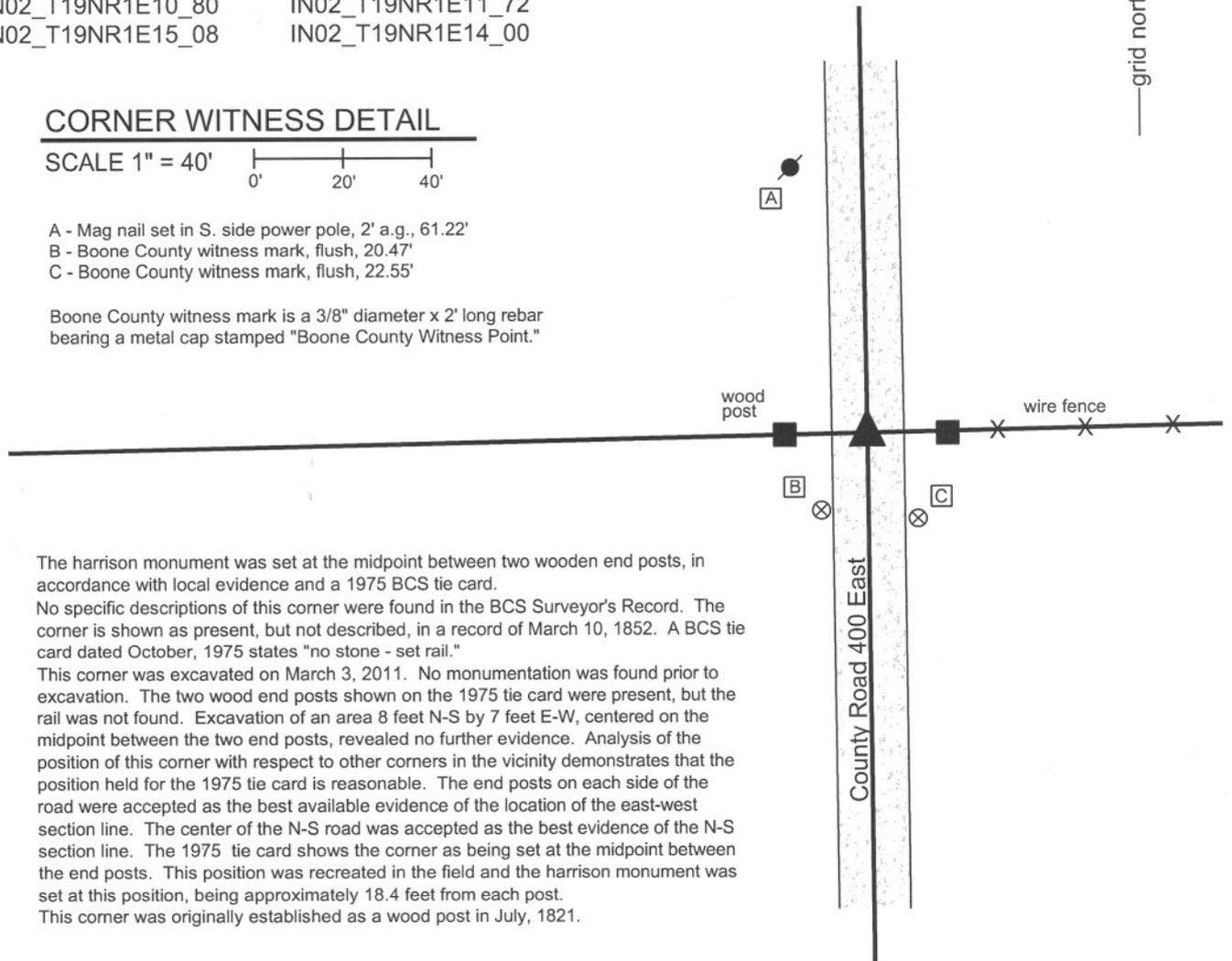
CORNER WITNESS DETAIL

SCALE 1" = 40'

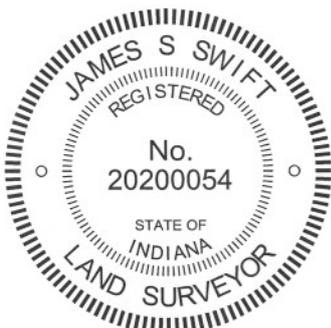


- A - Mag nail set in S. side power pole, 2' a.g., 61.22'
- B - Boone County witness mark, flush, 20.47'
- C - Boone County witness mark, flush, 22.55'

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 at the midpoint between two wooden end posts, in accordance with local evidence and a 1975 BCS tie card. No specific descriptions of this corner were found in the BCS Surveyor's Record. The corner is shown as present, but not described, in a record of March 10, 1852. A BCS tie card dated October, 1975 states "no stone - set rail." This corner was excavated on March 3, 2011. No monumentation was found prior to excavation. The two wood end posts shown on the 1975 tie card were present, but the rail was not found. Excavation of an area 8 feet N-S by 7 feet E-W, centered on the midpoint between the two end posts, revealed no further evidence. Analysis of the position of this corner with respect to other corners in the vicinity demonstrates that the position held for the 1975 tie card is reasonable. The end posts on each side of the road were accepted as the best available evidence of the location of the east-west section line. The center of the N-S road was accepted as the best evidence of the N-S section line. The 1975 tie card shows the corner as being set at the midpoint between the end posts. This position was recreated in the field and the harrison monument was set at this position, being approximately 18.4 feet from each post. This corner was originally established as a wood post in July, 1821.



Kenneth E. Hedge
 Kenneth E. Hedge, County Surveyor

James S. Swift
 James S. Swift, IN LS 20200054
 March 1, 2012

Clinton Twp	Section 10 T19N, R1E	Section 11 T19N, R1E
Center Twp	Section 15 T19N, R1E	Section 14 T19N, R1E