

# SECTION CORNER RECORD

# SE 600-050

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):

Corner 1: North: 1713846.28 East: 3127386.65 (U.S. survey feet)

Corner 2: North: 1713850.50 East: 3127557.53 (U.S. survey feet)

Types of monument: Corner 1: Harrison, 4" disk 'Section Corner'

Corner 2: 5/8 inch diameter rebar with metal cap stamped 'Boone County Surveyor'

Depth: Flush to one inch below adjacent road surface



### CORNER WITNESS DETAIL

SCALE 1" = 50'  
0' 25' 50'

Indiana tie card references:

IN02\_T18NR1E31\_76

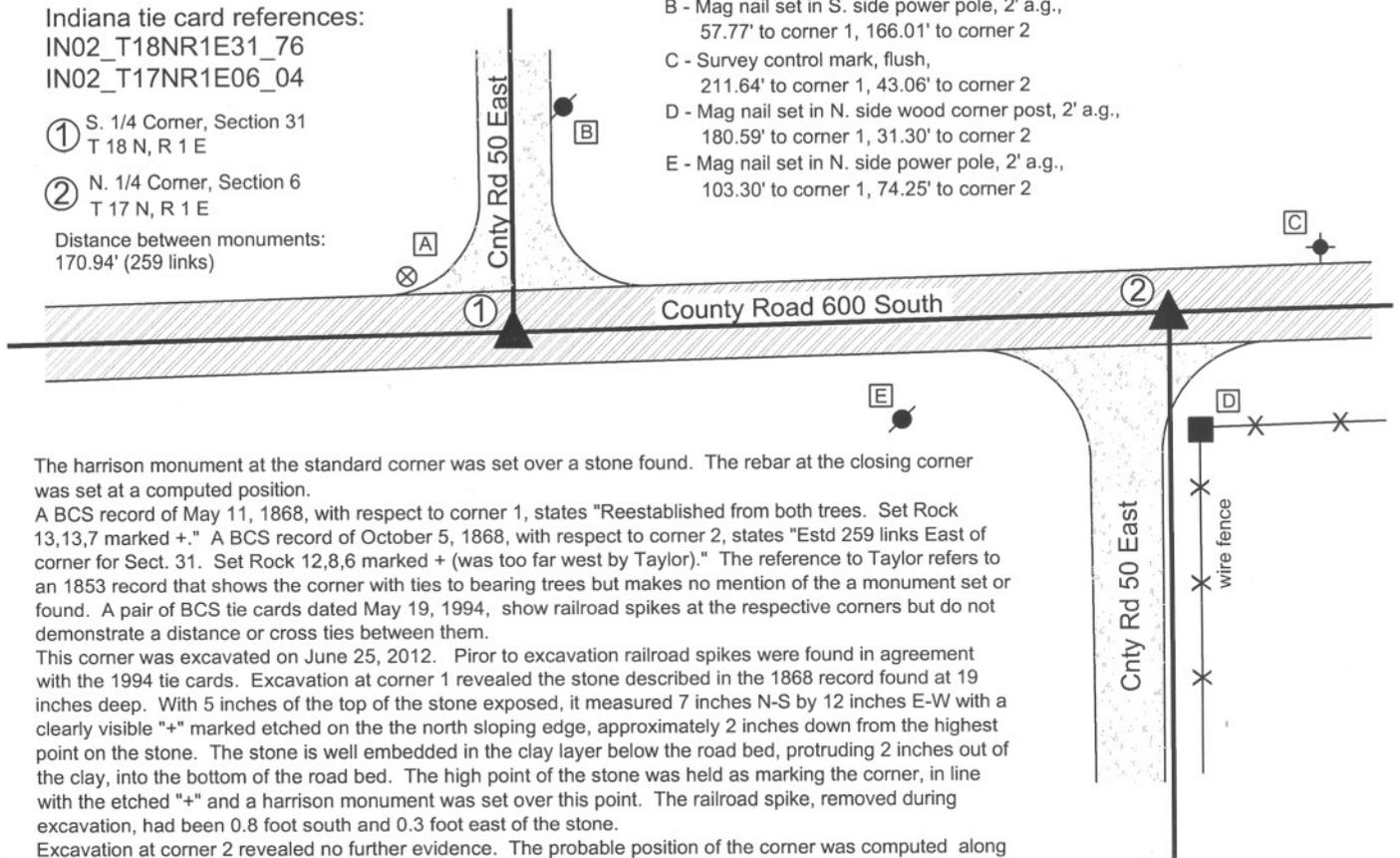
IN02\_T17NR1E06\_04

① S. 1/4 Corner, Section 31  
T 18 N, R 1 E

② N. 1/4 Corner, Section 6  
T 17 N, R 1 E

Distance between monuments:  
170.94' (259 links)

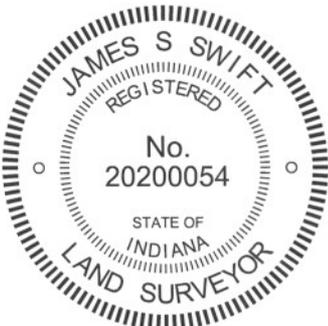
- A - Boone County witness mark, flush, 31.33' to corner 1, 170.93' to corner 2
- B - Mag nail set in S. side power pole, 2' a.g., 57.77' to corner 1, 166.01' to corner 2
- C - Survey control mark, flush, 211.64' to corner 1, 43.06' to corner 2
- D - Mag nail set in N. side wood corner post, 2' a.g., 180.59' to corner 1, 31.30' to corner 2
- E - Mag nail set in N. side power pole, 2' a.g., 103.30' to corner 1, 74.25' to corner 2



The Harrison monument at the standard corner was set over a stone found. The rebar at the closing corner was set at a computed position. A BCS record of May 11, 1868, with respect to corner 1, states "Reestablished from both trees. Set Rock 13,13,7 marked +." A BCS record of October 5, 1868, with respect to corner 2, states "Estd 259 links East of corner for Sect. 31. Set Rock 12,8,6 marked + (was too far west by Taylor)." The reference to Taylor refers to an 1853 record that shows the corner with ties to bearing trees but makes no mention of the a monument set or found. A pair of BCS tie cards dated May 19, 1994, show railroad spikes at the respective corners but do not demonstrate a distance or cross ties between them.

This corner was excavated on June 25, 2012. Prior to excavation railroad spikes were found in agreement with the 1994 tie cards. Excavation at corner 1 revealed the stone described in the 1868 record found at 19 inches deep. With 5 inches of the top of the stone exposed, it measured 7 inches N-S by 12 inches E-W with a clearly visible "+" marked etched on the the north sloping edge, approximately 2 inches down from the highest point on the stone. The stone is well embedded in the clay layer below the road bed, protruding 2 inches out of the clay, into the bottom of the road bed. The high point of the stone was held as marking the corner, in line with the etched "+" and a Harrison monument was set over this point. The railroad spike, removed during excavation, had been 0.8 foot south and 0.3 foot east of the stone.

Excavation at corner 2 revealed no further evidence. The probable position of the corner was computed along the township line as defined by corner 1 and the standard corner to the east at the distance called for in the latter 1868 record. Due to the presence of marked underground utilities in the area, the area of excavation was rotated from cardinal directions. A rectangle being 4 feet NW-SE by 32 inches NE-SW, centered on the probable position of the corner, was excavated to the depth of the clay layer below the road. The stone described in the October, 1868 record was not found. This corner was monumented with a 30 inch length of rebar on November 9, 2012 at the computed position. The railroad spike near this corner, removed during excavation in June 2012, had been 1.0' south and 0.7 foot east of the corner, as computed and monumented.



*Kenneth E. Hedge*  
Kenneth E. Hedge, County Surveyor

*James S. Swift*  
James S. Swift, IN LS 20200054  
January 15, 2013

Harrison Township

Section 31  
T18N, R1E

Section 6  
T17N, R1E

PHOTOGRAPHIC DOCUMENTATION

Date of photography: June 25, 2012

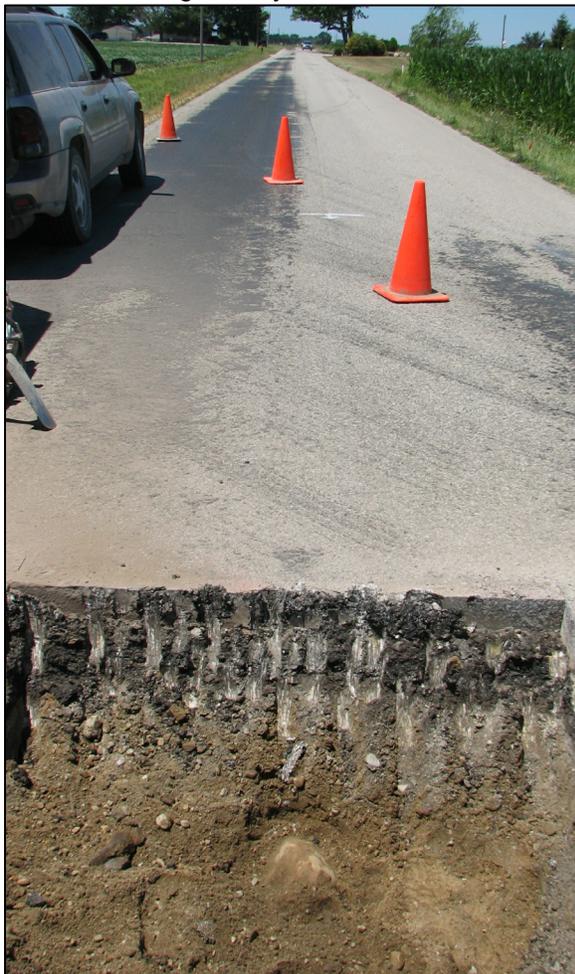
View of the stone as first exposed.



View of the stone after drying briefly in the air.  
View from the north.



View from the east, looking across the stone  
and west along County Road 600 South.



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



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

# SECTION CORNER RECORD

## BOONE COUNTY SURVEYOR'S OFFICE

SE 600-100



State Plane grid coordinates NAD83 (CORS96):

Corner 1: North: 1713912.40 East: 3130062.41 (U.S. survey feet)  
 Corner 2: North: 1713916.51 East: 3130233.30 (U.S. survey feet)

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

Indiana tie card references:  
 IN02\_T18NR1E31\_80 IN02\_T18NR1E32\_72  
 IN02\_T17NR1E06\_08 IN02\_T17NR1E05\_00

- ① S.E. Corner, Section 31  
S.W. Corner, Section 32  
T 18 N, R 1 E
- ② N.W. Corner, Section 5  
N.E. Corner, Section 6  
T 17 N, R 1 E

Distance between monuments = 170.94'  
 Original federal closing distance = 259 links (170.94')

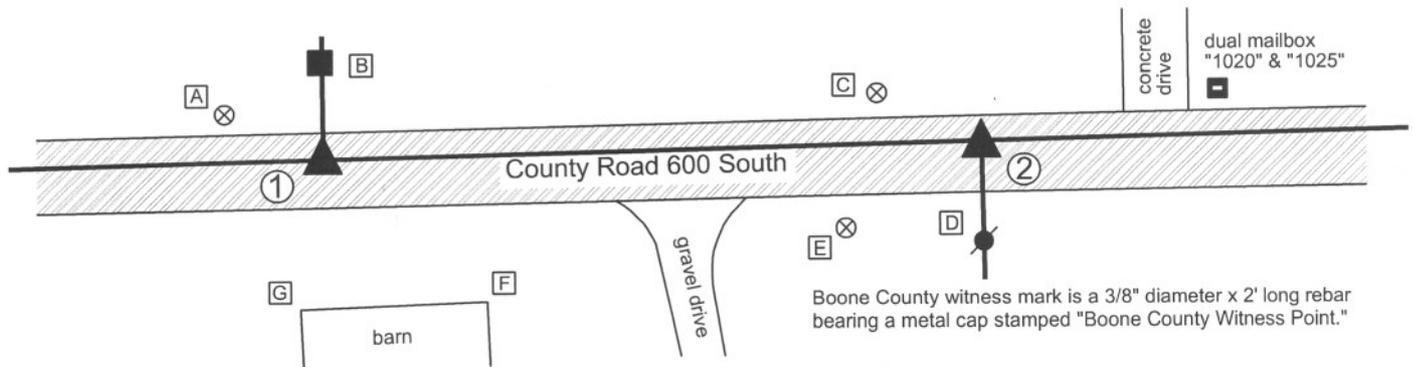
### CORNER WITNESS DETAIL

SCALE 1" = 50'

- A - Boone County witness mark, flush,  
28.36' to corner 1, 196.71' to corner 2
- B - Mag nail set in S. side, wood post, 2' a.g.,  
22.62' to corner 1, 172.36' to corner 2

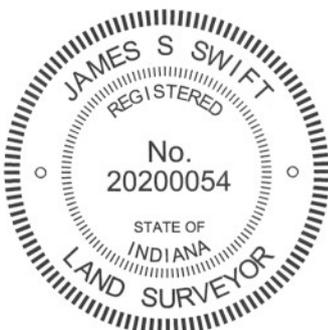
- C - Boone County witness mark, flush,  
144.93' to corner 1, 29.80' to corner 2
- D - Mag nail set in N. side power pole, 1' a.g.,  
172.23' to corner 2, 24.01' to corner 2

- E - Boone County Witness Point, flush,  
137.02' to corner 1, 41.82' to corner 2
- F - N.E. corner barn (metal siding),  
56.23 to corner 1, 135.37' to corner 2
- G - N.W. corner barn (metal siding),  
39.77' to corner 1, 182.25'



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 at corner 1 was set over a stone found. The Harrison monument at corner 2 was set along the township line as determined by corner 1 and the standard corner to the east, immediately north of a found stone and at the original federal closing distance of 259 links. A BCS record of March 7, 1870 states "Reestablished from stumps. Set Rock 12,8,6 + mark." No specific descriptions of corner 2 were found in the BCS Surveyor's Record beyond the original establishment of the corner at 259 links east of corner 1 on June 8, 1820. A pair of BCS tie cards dated May 19, 1994 show the respective corners as railroad spikes but show no distance or cross ties between them. Corner 1 was excavated on July 2, 2012. Prior to excavation a railroad spike was found at 3 inches deep. Excavation revealed the stone described in the 1870 record at 21 inches deep, 3.3 feet north and 0.2 foot east of the railroad spike. The stone, as found, was leaning to the west and appeared to have been disturbed. The entire stone was exposed and stood up to what appeared to be the position it would have held prior to being disturbed. As stood up, the top of the stone protruded slightly into the bottom of the road bed and the stone measured 12 inches tall by 8 inches E-W by 6 inches N-S. Part of an etched chisel mark was visible on top, but the remainder of the mark appeared to have been broken, along with the western edge of the top of the stone. The stone was left in place, as stood up vertical, and the Harrison monument was set over the top, high point and remnants of the etched "+." Corner 2 was excavated on July 11, 2012. Prior to excavation at this corner a railroad spike was found at 2 inches deep, 3 feet south of the township line defined by the stone at corner 1 and the stone at the standard corner to the east. Excavation revealed a stone found at 12 inches deep, approximately below the found railroad spike. The stone is embedded in the clay layer below the road, protruding 3 inches into the base of the road bed. With 4 inches of the stone exposed, it measured 5 inches E-W by 5 inches N-S. The stone was found to be 7 inches tall along the vertical east edge. The corner was established along the township line, 3 feet north of the stone, at the record closing distance of 259 links, which placed the corner immediately north of the stone. The stone was left in place. A Harrison monument was set at the position of the corner as established along the township line.



*Kenneth E. Hedge*  
 Kenneth E. Hedge, County Surveyor

*James S. Swift*  
 James S. Swift, IN LS 20200054  
 January 15, 2013

Harrison Twp	Perry Twp
Section 31 T18N, R1E	Section 32 T18N, R1E
Section 6 T17N, R1E	Section 5 T17N, R1E

PHOTOGRAPHIC DOCUMENTATION

Date of photography: July 2 & July 11, 2012

The stone witnessing the closing corner (corner 2). View from above and east.  
Note: this stone was not held as the corner.



Close-up of the stone witnessing corner 2.



The stone at the standard corner (corner 1) and the post on the north side of Cnty Rd 600 South.



The stone at corner 1 as found, apparently leaning towards the west.



The stone at corner 1 stood up in the orientation at which it was likely originally set.



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

# SECTION CORNER RECORD

SE 700-050

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):

North: 1708669.12 East: 3127668.18 (U.S. survey feet)

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

Depth: six inches below adjacent gravel road surface

Indiana tie card references:

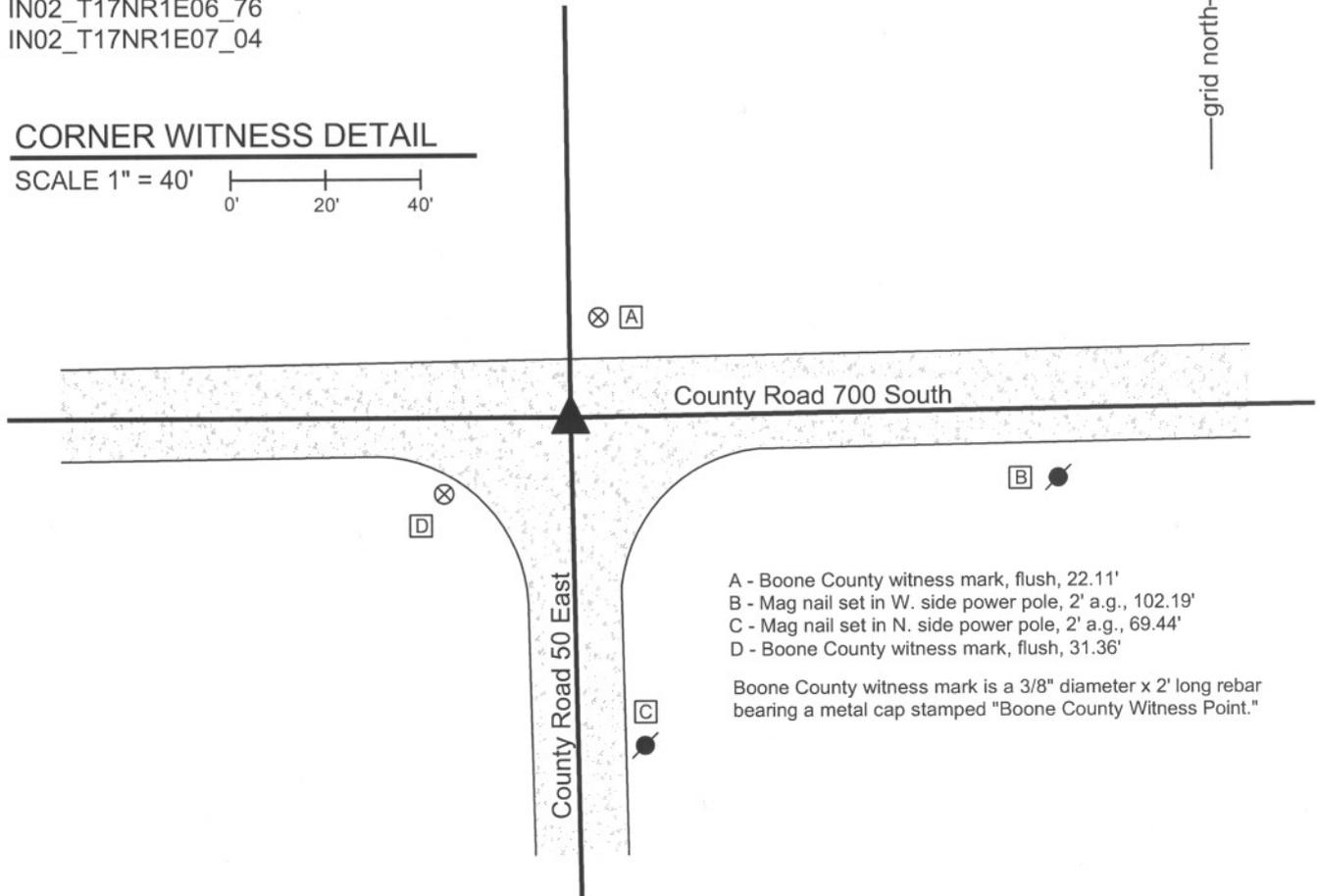
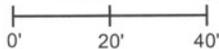
IN02\_T17NR1E06\_76

IN02\_T17NR1E07\_04



### CORNER WITNESS DETAIL

SCALE 1" = 40'

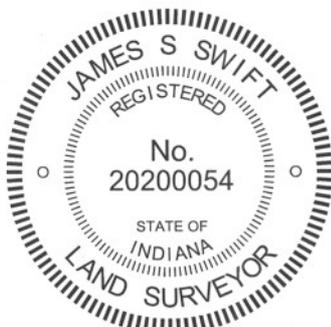


- A - Boone County witness mark, flush, 22.11'
- B - Mag nail set in W. side power pole, 2' a.g., 102.19'
- C - Mag nail set in N. side power pole, 2' a.g., 69.44'
- D - Boone County witness mark, flush, 31.36'

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 beyond the original establishment of the corner as a wood post in June, 1820. A BCS tie card dated September 26, 2967 states "no stone / rail." A BCS tie card dated April 29, 1992 shows the corner as a railroad rail found. This corner was excavated on February 23, 2011. Prior to excavation, a vertical section of railroad rail was found at 3 inches below grade. Excavation of an area extending 4 feet north, 4 feet east, 5 feet south and 4 feet west of the found rail revealed no further evidence of the corner. It is noted that the cross section of the road bed at this intersection is 12 inches of road bed material over 6 inches of a black dirt material similar to that in the adjacent fields over the clay sub-base. It is also noted that the 1876 map of Boone County does not show a road existing in this immediate vicinity. That map shows County Road 700 south terminating slightly east of the intersection. The railroad fits with the best available local evidence of the corner in the form of the existing roads running east, south and west of the corner. The rail was held as marking the corner. The rail was removed and replaced with a harrison monument in the same position.



*Kenneth E. Hedge*  
Kenneth E. Hedge, County Surveyor

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

Harrison Township



# SECTION CORNER RECORD

SE 700-100

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORSS96):  
North: 1708706.83 East: 3130321.02 (U.S. survey feet)

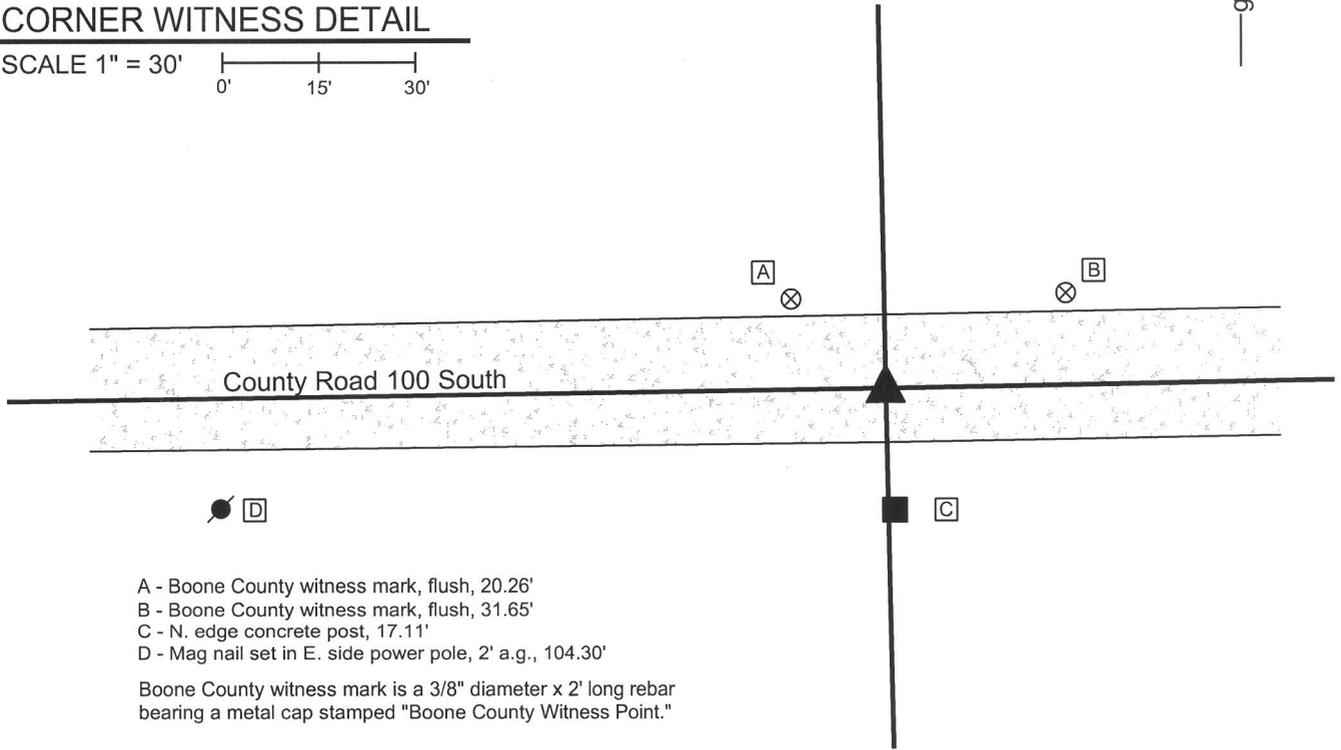
Type of monument: Harrison, 4" disk 'Section Corner'  
Depth: six inches below adjacent gravel road surface

Indiana tie card references:  
IN02\_T17NR1E06\_80 IN02\_T17NR1E05\_72  
IN02\_T17NR1E07\_08 IN02\_T17NR1E08\_00



### CORNER WITNESS DETAIL

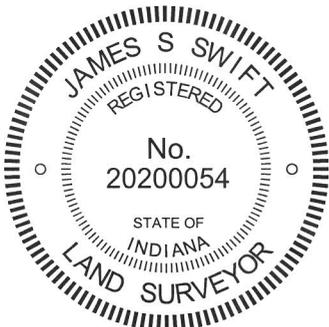
SCALE 1" = 30'



- A - Boone County witness mark, flush, 20.26'
- B - Boone County witness mark, flush, 31.65'
- C - N. edge concrete post, 17.11'
- D - Mag nail set in E. side power pole, 2' a.g., 104.30'

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 of July 2, 1895 states "Set Rock 12x9x9 marked +." A BCS tie card dated March 9, 1967 states "no stone."  
 This corner was excavated on February 23, 2011. Prior to excavation a railroad spike was found at the surface. Excavation revealed a stone found at 14 inches deep. With 8 inches of the top of the stone exposed, it measured 9 inches E-W by 7 inches N-S. The stone measured approximately 12 inches tall on the north side. A distinct etched + mark was found on the east edge of the top of the stone. The stone was embedded in the clay layer below the road, protruding 2 inches into the bottom of the road bed. The stone was accepted as being the stone described in the 1895 record and held as marking the corner. The was left in place. The top of the stone was encased in concrete and a harrison monument was set over the top, center of the stone. This position is even with the west edge of the concrete post on the south side of the road. The railroad spike, removed during excavation, had been 1.2 feet north and 2.4 feet east of the stone.  
 This corner was originally established as a wood post in June, 1820.



Kenneth E. Hedge, County Surveyor

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

Harrison Township Perry Township

Section 6 T17N, R1E	Section 5 T17N, R1E
Section 7 T17N, R1E	Section 8 T17N, R1E

PHOTOGRAPHIC DOCUMENTATION

Date of photography: February 23, 2011

View of the stone as first exposed.  
View from above and west.



View of the stone as first exposed.  
View from above and north.



View from the north, showing the stone and the concrete post on the south side of the road.



Close-up of the stone, showing the etched mark on the east side of the top of the stone.



View of the stone from above, prior to being encased in concrete as part of the setting of the harrison monument above the stone.



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