

# SECTION CORNER RECORD

NE 700-300

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORSS96):

North: 1782761.20 East: 3140145.16 (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\_T20NR1E28\_80 IN02\_T20NR1E27\_72

IN02\_T20NR1E33\_08 IN02\_T20NR1E34\_00

### CORNER WITNESS DETAIL

SCALE 1" = 40'

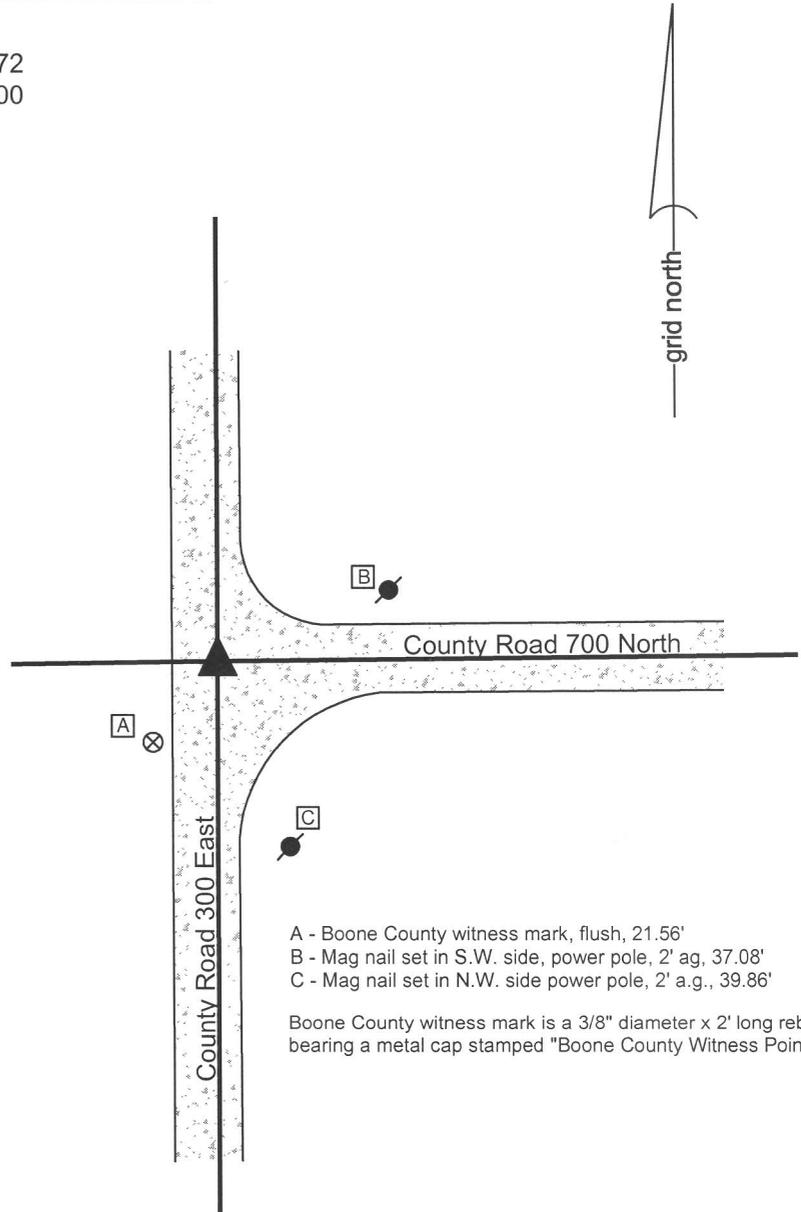


The Harrison monument was set over an etched "+" mark on the top of a stone.

A BCS record dated June 18, 1888 states, with respect to this corner, "Re-est. by the line H to h. Set rock 24, 14, 12 + .....". It is noted that "the line H to h" refers to the corners approximately 1/2 mile and 1/4 mile south, respectively. A BCS tie card dated September, 1975 states "Found stone Still in RRR" which is interpreted to mean that a stone was found, left in place and a railroad rail was set near to or against the stone.

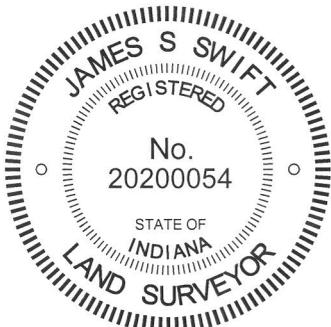
This corner was excavated on May 21, 2014. Prior to excavation, the top of a section of railroad rail was found at 2 inches below grade, apparently leaning to the south. Excavation revealed another railroad rail, leaning slightly to the north, south and west of the first rail. Further excavation revealed a stone found at 12 inches deep. The rail which had been found first was leaning over the top of the stone. The other rail was approximately 1 foot west of the top of the stone. The stone had a clearly etched "+" mark on the top. With 8 inches of the top of the stone exposed, it measured 12 inches E-W by 10 inches N-S and appeared to be vertical and oriented in cardinal directions. The stone was embedded in the clay layer below the road, protruding approximately 3 inches into the bottom of the road bed. With the top portion of the stone exposed, the dimensions of the stone approximated the 1888 record dimensions and it is expected that complete excavation would demonstrate that the stone is of very similar dimensions as called for in the 1888 record. With the similar dimensions and the obvious mark, the stone was accepted as being the same rock set in 1888 and was held as marking the corner. The stone was left in place, the two sections of railroad rail were removed and a Harrison monument was set directly over the etched "+" mark on the top of the stone.

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



- A - Boone County witness mark, flush, 21.56'
- B - Mag nail set in S.W. side, power pole, 2' ag, 37.08'
- C - Mag nail set in N.W. side power pole, 2' a.g., 39.86'

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*  
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 Kenneth E. Hedge, County Surveyor

*James S. Swift*  
 \_\_\_\_\_  
 James S. Swift, IN LS 20200054  
 March 27, 2015

Clinton Township

Section 28 T20N, R1E	Section 27 T20N, R1E
Section 33 T20N, R1E	Section 34 T20N, R1E

PHOTOGRAPHIC DOCUMENTATION

Date of photography: May 21, 2014

The tops of the two found rails.



View from above the stone looking East along County Road 700 North.



The stone from above and west, washed.



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



The same picture as above with the etched "+" mark enhanced for ease of visual detection.



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

# SECTION CORNER RECORD

NE 700-350

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):

North: 1782790.70 East: 3142769.82 (U.S. survey feet)

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

Depth: six inches below adjacent gravel road surface

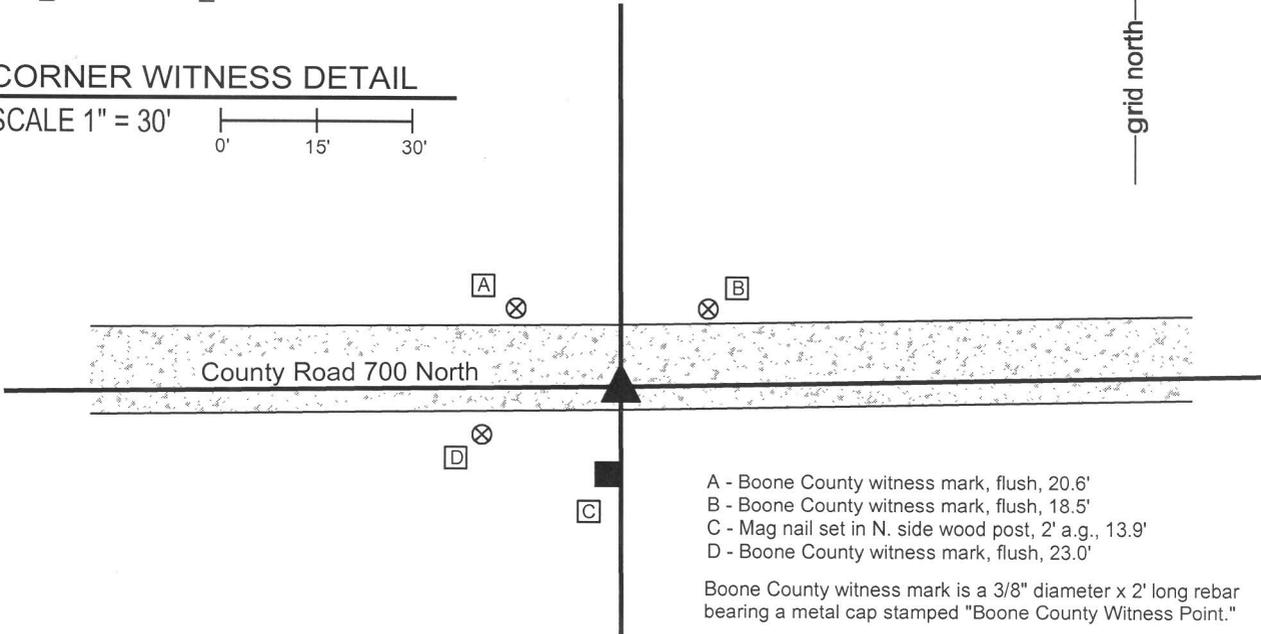
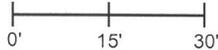
Indiana tie card references:

IN02\_T20NR1E27\_76

IN02\_T20NR1E34\_04

### CORNER WITNESS DETAIL

SCALE 1" = 30'



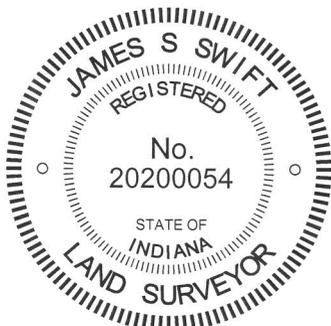
- A - Boone County witness mark, flush, 20.6'
- B - Boone County witness mark, flush, 18.5'
- C - Mag nail set in N. side wood post, 2' a.g., 13.9'
- D - Boone County witness mark, flush, 23.0'

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 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 1863 and 1872, implying that some object was present from which to measure at that time. No recent BCS tie cards were found referencing this corner.

Excavation occurred at this corner on May 22, 2014. Prior to excavation, a 5/8 inch diameter rebar was found, bent and slightly disturbed, at the surface of the road, near the south edge of the gravel roadway. Excavation revealed a stone found at 11 inches deep, south and east of the rebar. The stone was fully embedded in the clay layer below the road bed with the top of the stone being at the bottom of the road bed. The stone had a rounded top. With 9 inches of the top of the stone exposed, it measured 9 inches E-W by 10 inches N-S and remained stable in the clay. Clearly the stone was much larger than that part which was exposed. The stone appeared to be vertical, though the total height of the stone was not determined. No specific marks were found on the stone. The lack of marks is typical for stones for which the records are similar, wherein it may be concluded that the County Surveyor found and measured from the stone, rather than having set it. The stone was accepted as providing the best available evidence of the corner and the high point of the stone, being at the top, center of the rock was held as the corner. The rebar, removed during excavation, had been 0.5 foot north and 1.0 foot west of this point. The top 9 inches of the stone were encased in concrete and a short Harrison monument, actually being a 2 inch spacer with a lid, was set over the high point of the stone. The wood post on the south side of the road is approximately 2 feet west of the corner. This post appeared to be more of the type intended to denote a residential parcel from tillable ground than an ancient corner post. This corner was originally established as a wood post in 1822.



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 March 27, 2015

Clinton Township

Section 27  
T20N, R1E

Section 34  
T20N, R1E

PHOTOGRAPHIC DOCUMENTATION

Date of photography: May 22, 2014

The stone as originally found.



The stone from above and west.



The stone from above. The marks seen in this picture were made by the excavator at the time of discovery of the stone.



View from the north, looking across the stone and towards the south.



The stone before the top was encased in concrete and the harrison monument set.



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

# SECTION CORNER RECORD

NE 750-300

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):

North: 1785398.00 East: 3140141.60 (U.S. survey feet)

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

Depth: six inches below adjacent gravel road surface

Indiana tie card references:

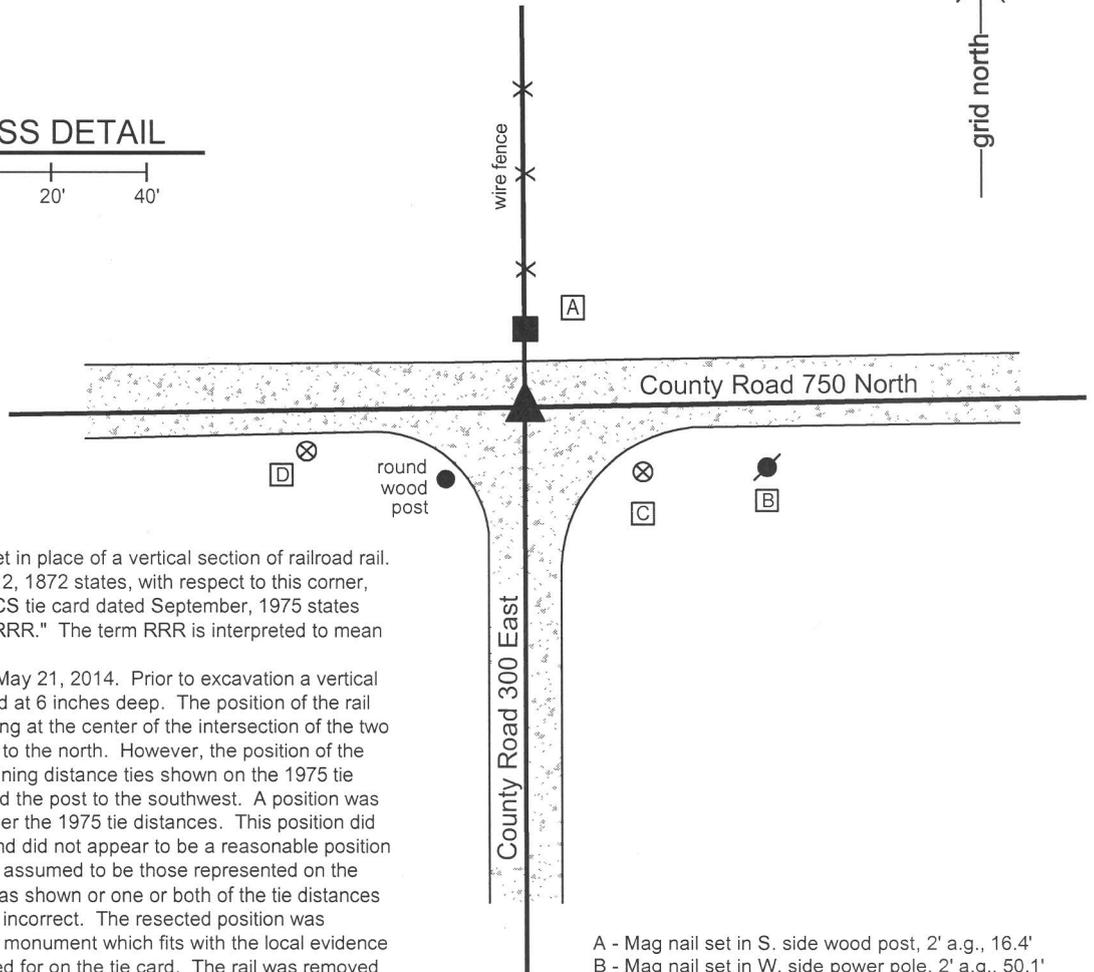
IN02\_T20NR1E27\_36

IN02\_T20NR1E28\_44



### CORNER WITNESS DETAIL

SCALE 1" = 40'

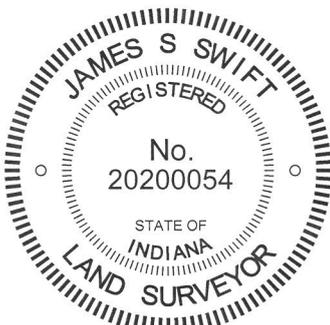


The Harrison monument was set in place of a vertical section of railroad rail. A BCS record dated February 12, 1872 states, with respect to this corner, "Reestablished by stake." A BCS tie card dated September, 1975 states "Stone Found - Replaced with RRR." The term RRR is interpreted to mean Railroad Rail.

This corner was excavated on May 21, 2014. Prior to excavation a vertical section of railroad rail was found at 6 inches deep. The position of the rail fits well with local evidence, being at the center of the intersection of the two roads and in line with the fence to the north. However, the position of the rail did not fit with the two remaining distance ties shown on the 1975 tie card, being the post to north and the post to the southwest. A position was resected from these tie points per the 1975 tie distances. This position did not fit with the local evidence and did not appear to be a reasonable position for the corner. Either the posts assumed to be those represented on the 1975 tie card are not the same as shown or one or both of the tie distances shown on the 1975 tie card are incorrect. The resected position was rejected in favor of the physical monument which fits with the local evidence and is of the same type as called for on the tie card. The rail was removed and excavation of a large area surrounding it yielded no further evidence of the corner. The rail is believed to be in the position of the stone found in 1975 and was accepted as the best available evidence of the corner. The rail was replaced with a Harrison monument in the same position. This corner was originally established as a wood post in 1822.

- A - Mag nail set in S. side wood post, 2' a.g., 16.4'
- B - Mag nail set in W. side power pole, 2' a.g., 50.1'
- C - Boone County witness mark, flush, 28.1'
- D - Boone County witness mark, flush, 46.4'

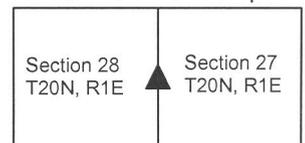
Boone County witness mark is a 3/8" diameter x 2' long rebar bearing a metal cap stamped "Boone County Witness Point."



*Kenneth E. Hedge*  
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*James S. Swift*  
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March 27, 2015

Clinton Township



# SECTION CORNER RECORD

NE 800-400

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):

North: 1788100.38 East: 3145357.30 (U.S. survey feet)

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

Depth: six inches below adjacent gravel road surface

Indiana tie card references:

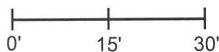
IN02\_T20NR1E22\_80 IN02\_T20NR1E23\_76

IN02\_T20NR1E27\_08 IN02\_T20NR1E26\_00



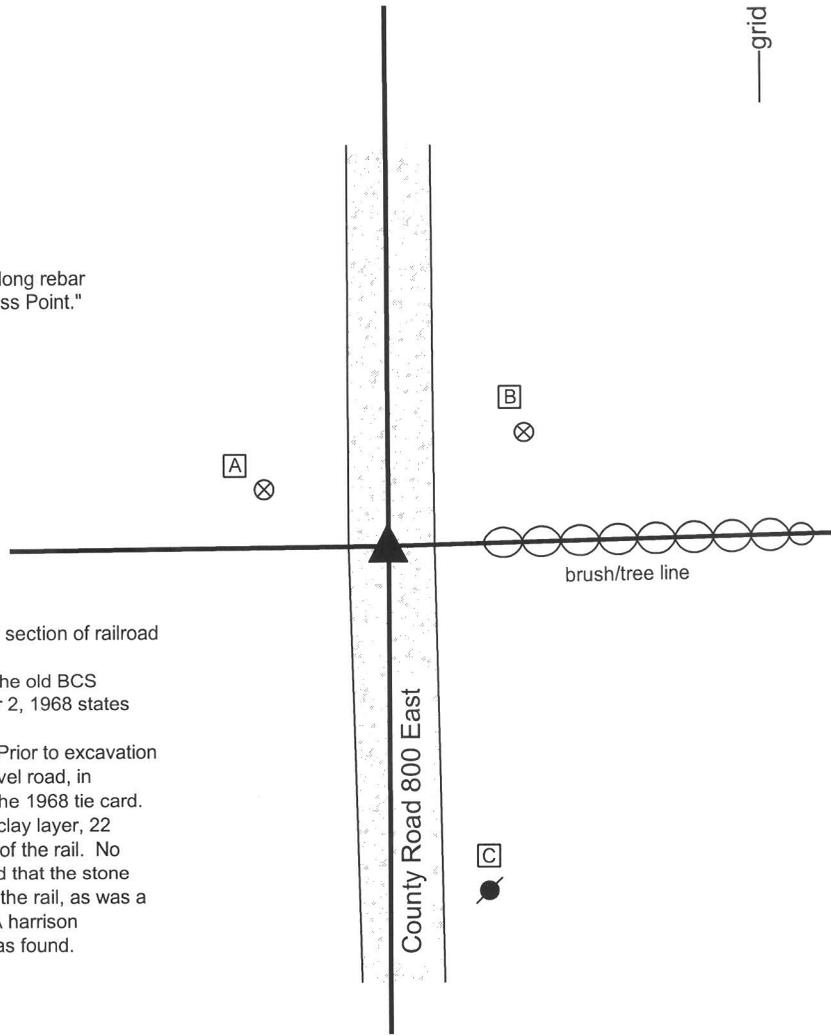
### CORNER WITNESS DETAIL

SCALE 1" = 30'



- A - Boone County witness mark, flush, 21.4'
- B - Boone County witness mark, flush, 27.6'
- C - Mag nail set in N. side power pole, 2' a.g., 55.2'

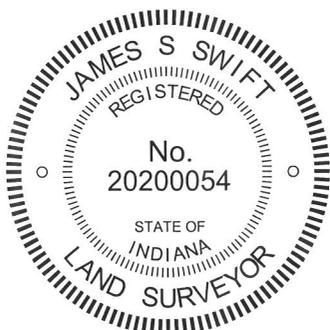
Boone County witness mark is a 3/8" diameter x 2' long rebar bearing a metal cap stamped "Boone County Witness Point."



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 old BCS Surveyor's Record. A BCS tie card dated September 2, 1968 states "stone found."

This corner was excavated on November 27, 2013. Prior to excavation a railroad rail was found at 11 inches deep in the gravel road, in agreement with the one remaining distance tie from the 1968 tie card. Excavation revealed a few fragments of wood at the clay layer, 22 inches deep, in the immediate vicinity of the position of the rail. No other evidence of the corner was found. It is believed that the stone was removed when found in 1968 and replaced with the rail, as was a common practice of BCS field crews from that era. A harrison monument was set in the position of the railroad rail as found.



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February 5, 2015

Clinton Township

Section 22 T20N, R1E	Section 23 T20N, R1E
Section 27 T20N, R1E	Section 26 T20N, R1E