

SECTION CORNER RECORD

NE 050-1000

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS 96):

North: 1749309.77 East: 3177811.93 (U.S. survey feet)

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

Depth: Flush with adjacent road surface

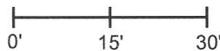
Indiana tie card references:

IN02_T19NR2E34_44

IN02_T19NR2E35_36

CORNER WITNESS DETAIL

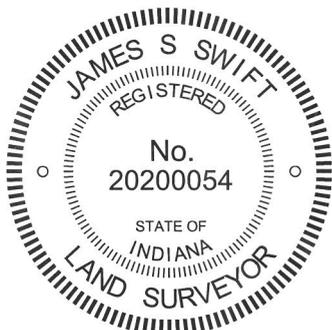
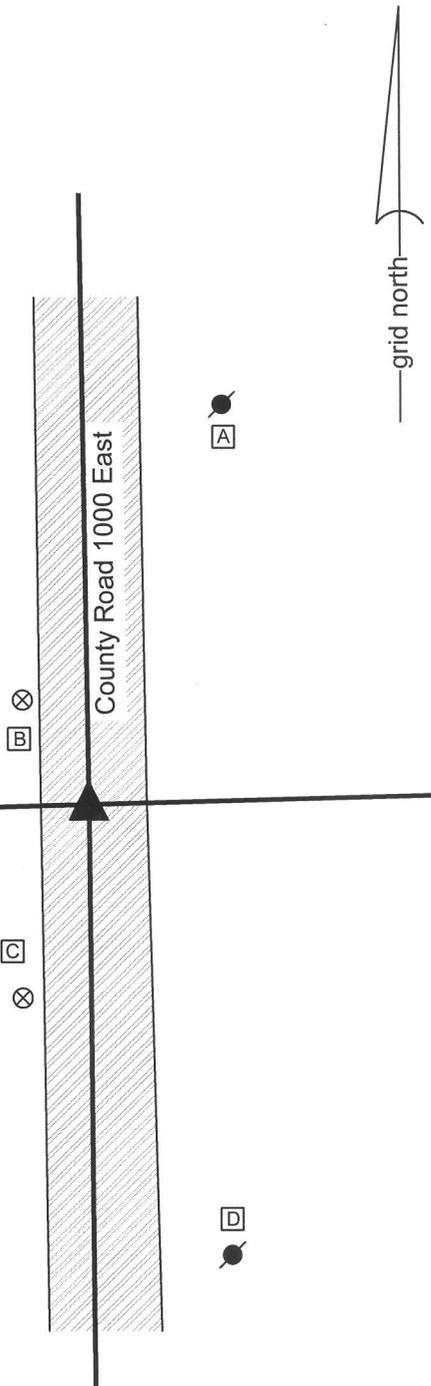
SCALE 1" = 30'



- A - Mag nail set in s. side power pole, 5' a.g., 64.13'
- B - Boone County witness mark, flush, 19.22'
- C - Boone County witness mark, flush, 31.77'
- D - Mag nail set in W. side power pole, 5' a.g., 72.91'

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

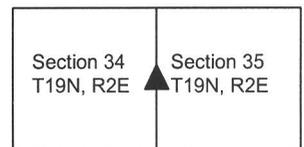
The harrison monument was set in place of a 5/8 inch rebar found. This corner falls at the point where the former Midland Railroad crossed County Road 1000 East by means of a wooden trestle. The relevant portion of the old railroad plans were made available to the surveyor's office by Jerry L. Carter of Carter Land Consultants. These plans do not show information pertaining to the location of the section line. The found rebar is shown as being set on a survey by Hahn and Associates as part of a survey recorded in Survey Book 1, page 38. This survey shows that the rebar was set at a position relative to adjoining deed descriptions and monumentation. Significant excavation was not performed in this area, as the roadway crosses an area of significant fill associated with the ground sloping towards a small creek to the south. The top of the rebar was bent as found with the bend point being at 6 inches deep, below which the rebar appeared to be straight and vertical. The rebar was removed and the harrison monument was set in place of the vertical part of the rebar. This corner was originally established as a wood post in 1821.



Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

James S. Swift
James S. Swift, IN LS 20200054
March 26, 2013

Union Township



SECTION CORNER RECORD

NE 100-900

BOONE COUNTY SURVEYOR'S OFFICE

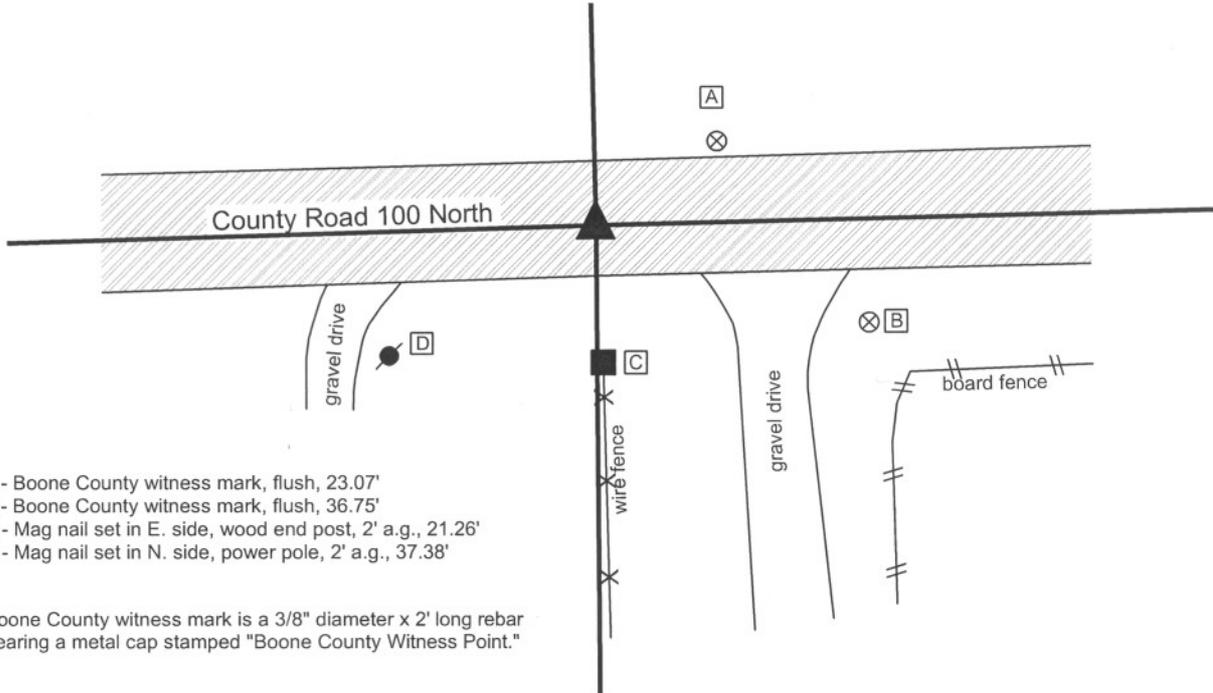
State Plane grid coordinates NAD83 (NSRS 2007):
North: 1751821.74 East: 3172457.97 (U.S. survey feet)

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

Indiana tie card references:
IN02_T19NR2E27_72 IN02_T19NR2E28_80
IN02_T19NR2E33_08 IN02_T19NR2E34_00

CORNER WITNESS DETAIL

SCALE 1" = 30'
0' 15' 30'



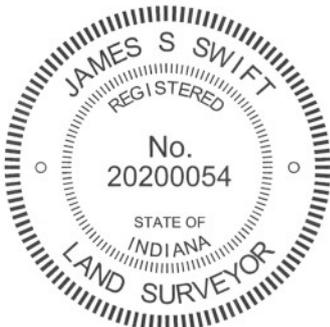
- A - Boone County witness mark, flush, 23.07'
- B - Boone County witness mark, flush, 36.75'
- C - Mag nail set in E. side, wood end post, 2' a.g., 21.26'
- D - Mag nail set in N. side, power pole, 2' a.g., 37.38'

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 tie card dated June 14, 1971 states "no stone, RRR put in." No specific description of this corner was found in the old BCS Surveyor's Record. This corner was excavated on August 23, 2010. Prior to excavation, a nail was found at the surface. Excavation revealed 3 rebars below the nail, generally surrounding the position of the nail. A railroad rail on end was found at 9 inches deep, directly below the position of the nail. Further excavation revealed three stones. The top two stones were found at 21 inches deep, situated next to each other, both embedded fully in the clay layer below the road. The north stone was 8x6x5 inches. The south stone was 10x7x7 inches. The third stone was below the top two, approximately centered between them, measuring 7x6x5 inches and situated at 27 inches deep. The stones were in line with the fence to the south and at the center of the road. The bottom stone is 1.8 feet south and 0.8 feet west of the nail and railroad rail, both of which were removed during excavation, along with the rebars and top two stones. The statement "no stone" on the 1971 tie card is clearly incorrect and also indicates that this crew was searching for, but did not find a corner stone. The found stones fit most characteristics of section corner stones, being embedded in the clay below the road and at the intersection of the center of the road with the prolonged line of the fence to the south. The situation of two stones next to each other above a third stones is not typical, but the stones clearly appeared to have been purposely set to mark the corner. The top center point of the lower stone was held as marking the corner and the harrison monument was set directly over this point. The lower stone was left in place and all other monuments were removed during excavation.

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
July 25, 2011

Union Township

Section 28 T19N, R2E	Section 27 T19N, R2E
Section 33 T19N, R2E	Section 34 T19N, R2E

PHOTOGRAPHIC DOCUMENTATION

Date of photography: August 23, 2010

The railroad rail exposed.



The north top stone.



The south top stone (right) and the lower stone as first exposed.



View from the north, looking across the lower stone towards the post and trees to the south.



The lower stone.



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

SECTION CORNER RECORD

NE 100-950

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (NSRS 2007):
North: 1751886.92 East: 3175123.28 (U.S. survey feet)

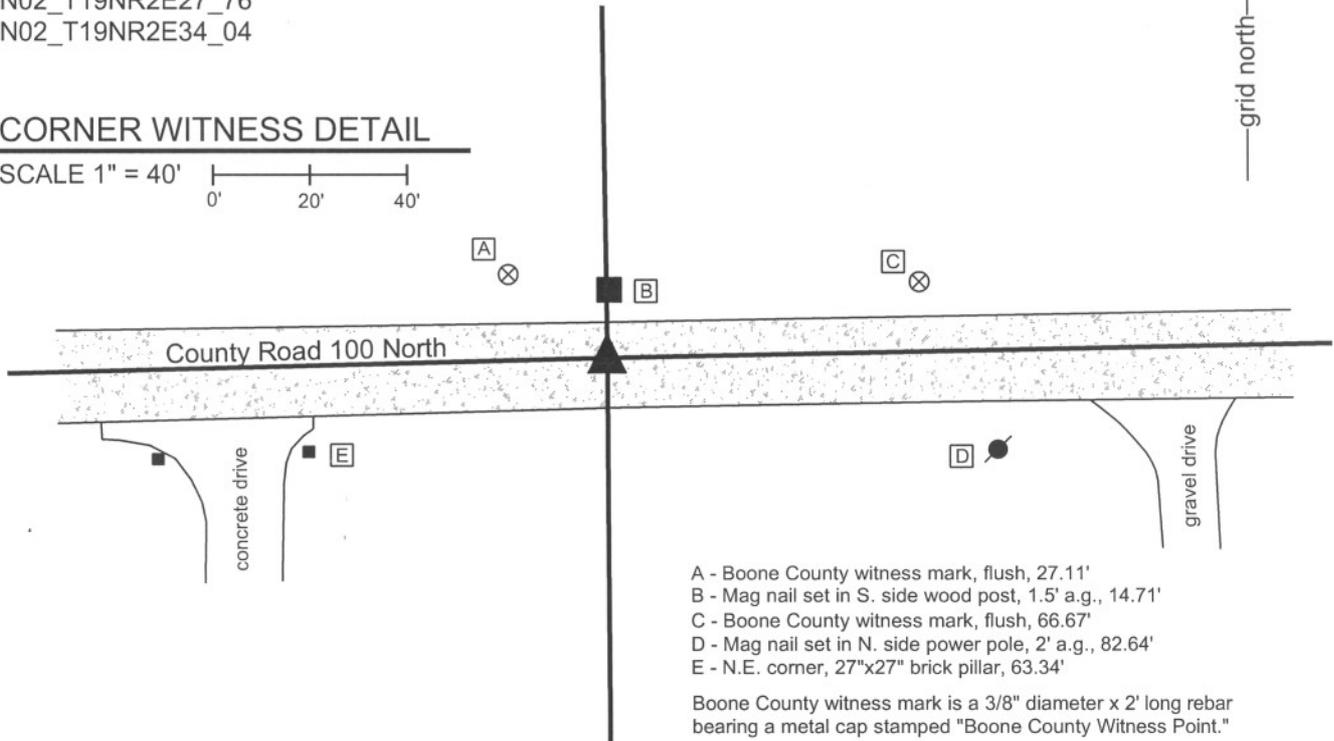
Type of monument: Harrison, 4" disk 'Section Corner'
Depth: Six inches below adjacent gravel road surface.

Indiana tie card references:
IN02_T19NR2E27_76
IN02_T19NR2E34_04



CORNER WITNESS DETAIL

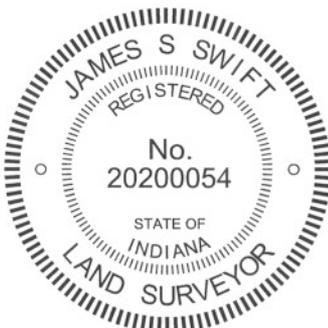
SCALE 1" = 40'



- A - Boone County witness mark, flush, 27.11'
- B - Mag nail set in S. side wood post, 1.5' a.g., 14.71'
- C - Boone County witness mark, flush, 66.67'
- D - Mag nail set in N. side power pole, 2' a.g., 82.64'
- E - N.E. corner, 27"x27" brick pillar, 63.34'

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

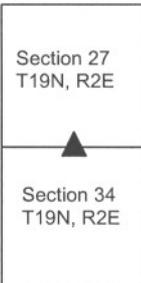
The harrison monument was set in place of a railroad rail found. A BCS tie card dated July 9, 1968 states "No stone." The tie card does not state more information about a monument set, but it is most likely that the found railroad rail was set at the time of the creation of the 1968 tie card. It is known that setting a section of railroad rail vertically was a common procedure of field crews from this office at that time. No specific descriptions of this corner were found in the old BCS Surveyor's Record. This corner was excavated on August 23, 2010. Prior to excavation the top of a piece of railroad rail was found, apparently leaning, in the approximate center of the road 2 feet west of a post on the south side of the road. Excavation revealed that the railroad rail was leaning significantly to the west. Holding the position of the bottom of the rail and standing the rail vertical, the top of the rail was approximately 9 inches east of the position as found prior to excavation. The 1968 ties are not conclusive, but the position of the rail as stood up fits well with the fence post on the north side of the road, which is agreement with the graphical representation of the corner on the 1968 tie card. The top of the rail had been at the surface of the gravel road and it is apparent that a road grader likely hit the top of the rail and leaned it to the west. Further excavation revealed a bolt spike near the surface of the road approximately 2 feet south and 4 feet west of the rail. No source information for this spike is known. No other monuments or evidence were found in an area of excavation extending 4 feet north, 4 feet east, 7 feet west and 7 feet south of the position of the top of the rail as originally found. The road bed is only 8 to 12 inches deep in this area. Excavation extended to a minimum of 18 inches deep, well into the clay layer below the road and well below the depth at which a corner stone or any other evidence of the corner might be found. The railroad rail was removed and a harrison monument was set in the position of the rail as stood vertically. This corner was originally established as a wood post in July, 1821.



Kennett E. Hedge
Kennett E. Hedge, County Surveyor

James S. Swift
James S. Swift, IN LS 20200054
July 25, 2011

Union Township



SECTION CORNER RECORD

NE 100-1000

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (NSRS 2007):

North: 1751938.83 East: 3177774.44 (U.S. survey feet)

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

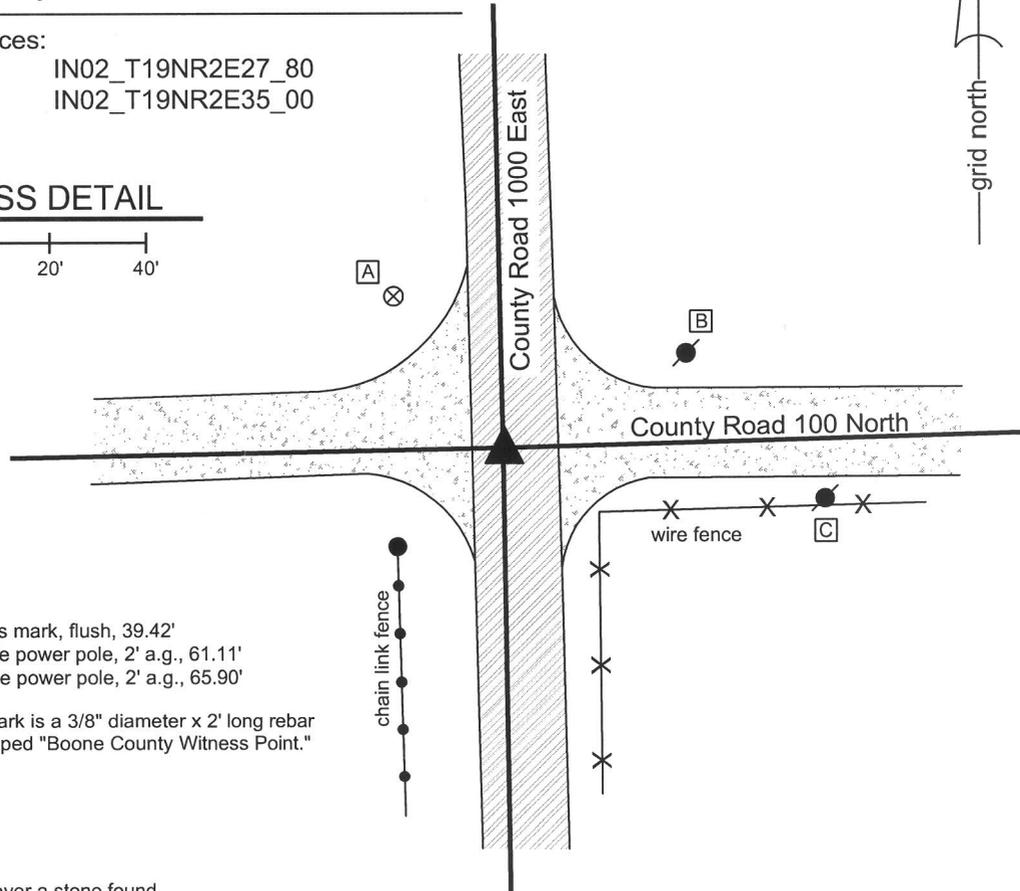
Depth: One inch below adjacent road surface

Indiana tie card references:

IN02_T19NR2E26_72 IN02_T19NR2E27_80
 IN02_T19NR2E34_08 IN02_T19NR2E35_00

CORNER WITNESS DETAIL

SCALE 1" = 40'



- A - Boone County witness mark, flush, 39.42'
- B - Mag nail set in W. side power pole, 2' a.g., 61.11'
- C - Mag nail set in W. side power pole, 2' a.g., 65.90'

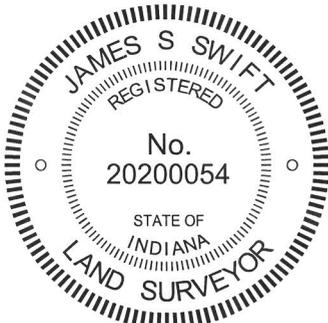
Boone County witness mark is a 3/8" diameter x 2' long rebar bearing a metal cap stamped "Boone County Witness Point."

The harrison monument was set over a stone found.

A BCS tie card dated August 6, 1974 states "No stone found." No specific descriptions of this corner were found in the old BCS Surveyor's Record, beyond the original establishment of the corner as a wood post by federal surveyors.

This corner was excavated on June 17, 2010. Prior to excavation, a rebar was visible at the surface. Excavation revealed a piece of railroad rail on end at 6 inches deep, adjacent to the rebar. The rebar was situated along the east side of the rail. Further excavation revealed a large stone found at 33 inches deep. The stone is 17 inches N-S by 26 inches E-W and was measured to be 22 inches tall at the N. side. The stone is embedded in the clay layer below the road bed, with the top of the stone protruding approximately 3 inches into the bottom of the road bed. The characteristics of this stone, including the depth, being embedded in the clay, the orientation aligned with cardinal directions and the position at the intersection of the two county roads are all consistent with other corner stones found. The fact that the stone is neither vertical nor has any specific identifiable markings is consistent with the fact that it is not mentioned in the BCS Surveyor's Record, as typically only the stones which can be positively identified as being set by County Surveyors are set vertically with markings, while the remaining cornerstones, including those found and held by the old County Surveyors, tend to have the same characteristics as the stone found at this corner. The harrison monument was set directly over the top, center of the stone. The rebar and rail, both removed during excavation, were 3.3 feet north and 0.3 and 0.2 feet east, respectively of the harrison. The 1974 reference to "no stone" indicates that a stone was searched for but not found. It is most likely that the railroad rail was set at that time, after the erroneous determination that other evidence, in the form of a stone, was not present.

This corner was originally established as a wood post 1821.



Kenneth E. Hedge
 Kenneth E. Hedge, County Surveyor

James S. Swift
 James S. Swift, IN LS 20200054
 July 25, 2011

Union Township

Section 27 T19N, R2E	Section 26 T19N, R2E
Section 34 T19N, R2E	Section 35 T19N, R2E

PHOTOGRAPHIC DOCUMENTATION

Date of photography: June 17, 2010

View of the stone from the north.



The stone being exposed. View from above.



The stone exposed. View from above.



View from above the stone, looking east along County Road 100 North.



View from above the stone, looking south along County Road 1000 East.



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