

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

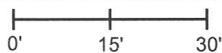
Indiana tie card references:

IN02_T19NR2E34_44

IN02_T19NR2E35_36

CORNER WITNESS DETAIL

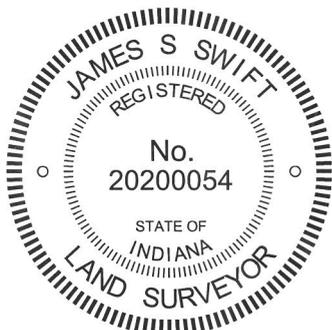
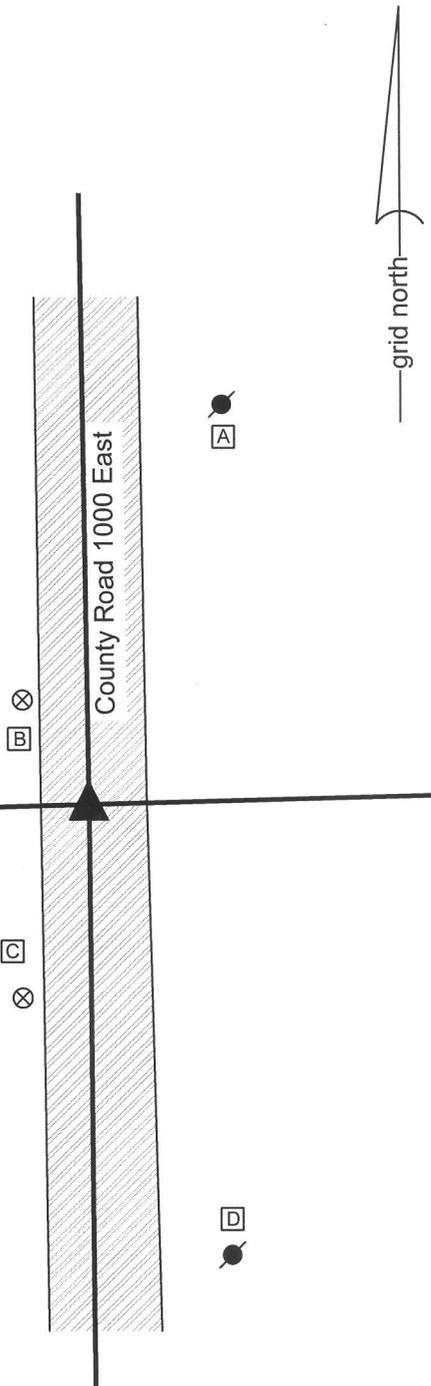
SCALE 1" = 30'



- 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."

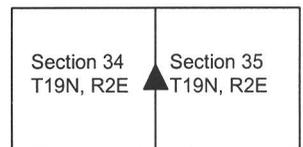
The harrison monument was set in place of a 5/8 inch rebar found. This corner falls at the point where the former Midland Railroad crossed County Road 1000 East by means of a wooden trestle. The relevant portion of the old railroad plans were made available to the surveyor's office by Jerry L. Carter 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 100-1000

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

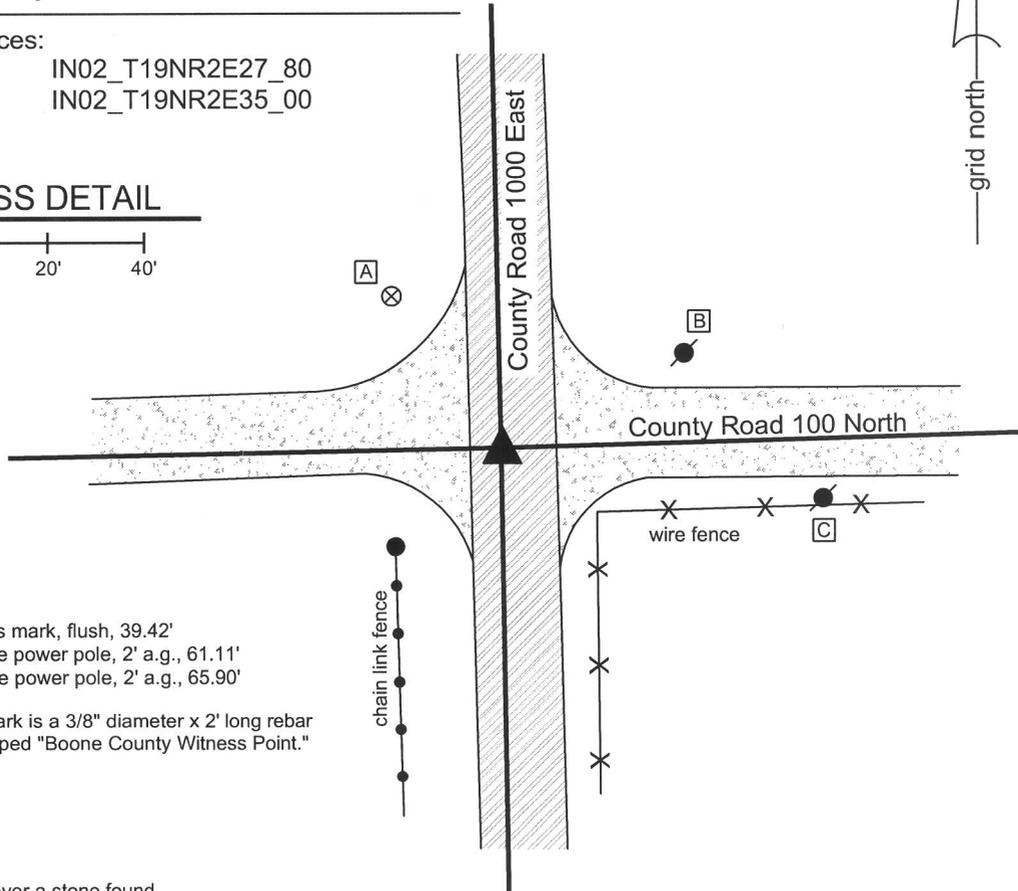
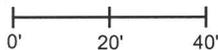
Indiana tie card references:

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'

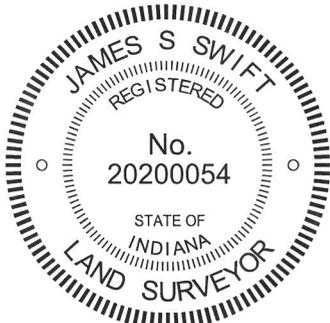
Boone County witness mark is a 3/8" diameter x 2' long rebar bearing a metal cap stamped "Boone County Witness Point."

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."

SECTION CORNER RECORD

NE 100-1050

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (NSRS 2007):
North: 1752014.74 East: 3180426.28 (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_T19NR2E26_76
IN02_T19NR2E35_04

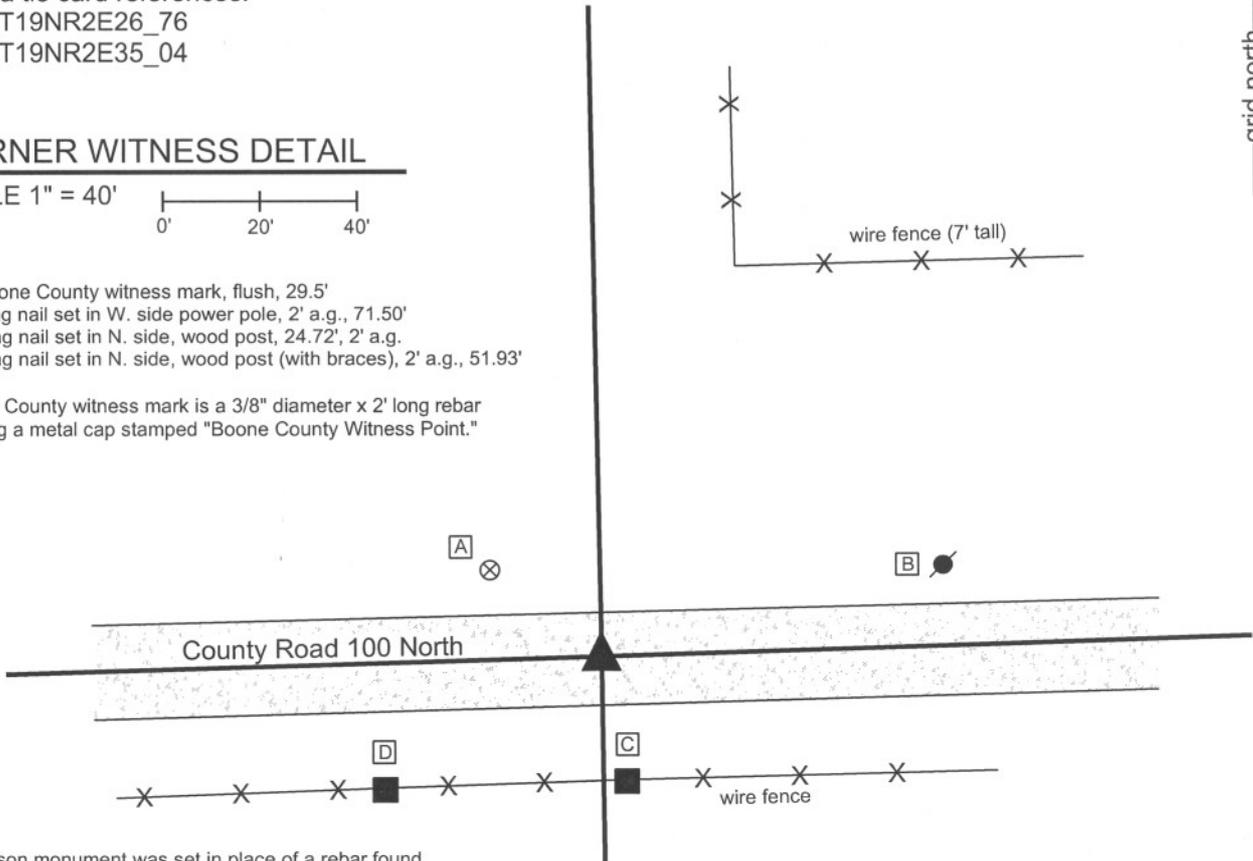
CORNER WITNESS DETAIL

SCALE 1" = 40'



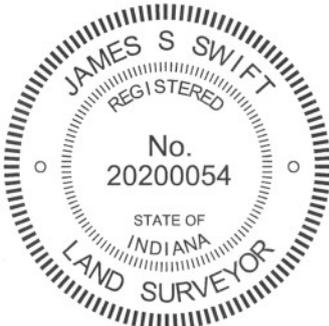
- A - Boone County witness mark, flush, 29.5'
- B - Mag nail set in W. side power pole, 2' a.g., 71.50'
- C - Mag nail set in N. side, wood post, 24.72', 2' a.g.
- D - Mag nail set in N. side, wood post (with braces), 2' a.g., 51.93'

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 rebar found.

A BCS tie card dated August 6, 1974 states "stone found." No specific descriptions of this corner were found in the old BCS Surveyor's Record. This corner was excavated on August 18, 2010. Prior to excavation, a 5/8 inch diameter rebar with a red plastic cap (markings indistinguishable) was found near the midpoint of the line connecting the section corners to the east and west. Excavation of an area 12 feet east-west by 10 feet north-south, centered on the rebar, revealed no other evidence of the corner. It was observed that the roadbed in this area is only approximately 10 inches thick. The 1974 tie card does not state any information about what was done with the stone when it was found. It has been observed at other corners documented in 1974 that found stones must have been removed and replaced with a metal monument, being either a section of railroad rail set vertically or a piece of 1/2 inch diameter rebar. The source of the found 5/8 inch rebar is not known. It may be in the same position as the stone found in 1974, but proof of this has not been found. No local evidence of the corner was found in the vicinity of the corner, other than the east-west roadway, whereas the 1974 tie card shows the corner in-line with a fence to the north. Notably, the rebar was nearly equidistant between the stones found at the section corners to the east and west. However, the rebar was not equidistant between the rails which were believed to have been set in 1974 and the stones were only uncovered in 2010. Hence, while the rebar is close to the midpoint between recently found stones, it is not likely that the rebar was purposely set at a calculated midpoint position and may well represent the position of the stone found in 1974. Given the minimal depth of the road bed in this area, it is reasonable to expect that the stone, rail or 1/2 inch rebar may have been removed by a road grader. The position of the rebar was held as providing the best available evidence of the corner and the harrison monument was set at this position. 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 26
T19N, R2E



Section 35
T19N, R2E

SECTION CORNER RECORD

BOONE COUNTY SURVEYOR'S OFFICE

NE 100-1100

State Plane grid coordinates NAD83 (NSRS 2007):

North: 1752095.57 East: 3183077.20 (U.S. survey feet)

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

Depth: Six inches below adjacent gravel road surface.

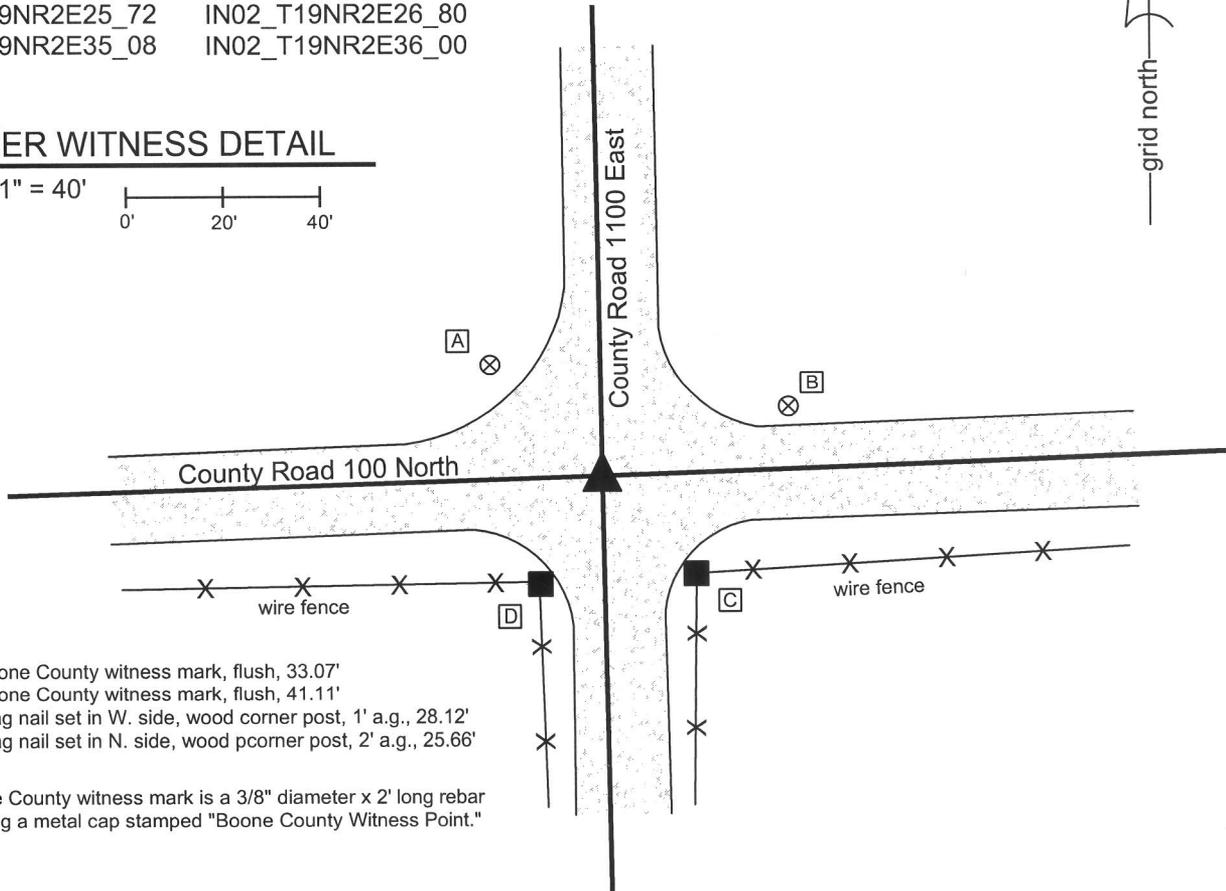
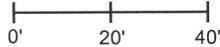
Indiana tie card references:

IN02_T19NR2E25_72 IN02_T19NR2E26_80

IN02_T19NR2E35_08 IN02_T19NR2E36_00

CORNER WITNESS DETAIL

SCALE 1" = 40'



- A - Boone County witness mark, flush, 33.07'
- B - Boone County witness mark, flush, 41.11'
- C - Mag nail set in W. side, wood corner post, 1' a.g., 28.12'
- D - Mag nail set in N. side, wood pcorner post, 2' a.g., 25.66'

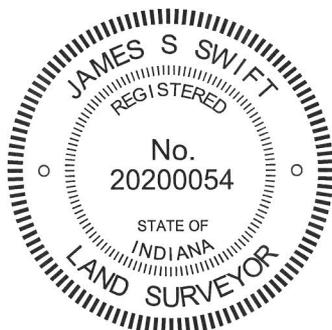
Boone County witness mark is a 3/8" diameter x 2' long rebar bearing a metal cap stamped "Boone County Witness Point."

The harrison monument was set directly over the etched "+" on a stone found.

A BCS record of October 24, 1866 states "Re-Established after having taken additional evidence. Set two Rocks, one 6.5.4 in + Mark on top. Top Rock 13.7.5 1/2 + on top." A BCS tie card dated August 7, 1974 states "No stone found."

This corner was excavated on June 18, 2010. Prior to excavation, a railroad rail was found at 4 inches deep. Excavation revealed a rock found at 24 inches deep, 1 foot west of the rail. The rock was 12 inches N-S by 10 inches E-W by 8 inches tall. A deep crease was visible on the top of the rock but did not appear to be an intentional mark. This stone did not match the description of either of the record stones and was removed. Further excavation revealed the record bottom stone found at 28 inches deep. This stone had a clearly visible etched "+" on the top. The stone matches the proportions of the record bottom stone, but was slightly larger in all dimensions. The top of the stone is approximately 10 inches deep into the clay layer below the road. A 13 inch tall stone above it would have protruded 3 inches into the bottom of the road bed, which is consistent with the depth of many other stones found. The stone was left in place and the harrison monument was set over the etched "+" on the top. The harrison is 0.9 foot north and 2.9 feet west of the position of the railroad rail, which was removed during excavation. The 1968 reference to "no stone found" 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 in June, 1821.



Kenneth E. Hedge
 Kenneth E. Hedge, County Surveyor

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

Union Township

Section 26 T19N, R2E	Section 25 T19N, R2E
Section 35 T19N, R2E	Section 36 T19N, R2E

PHOTOGRAPHIC DOCUMENTATION

Date of photography: June 18, 2010

View of the stone from above.



Close-up of the stone.



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