

SECTION CORNER RECORD

NE 850-700

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):

North: 1791386.79 East: 3161232.85 (U.S. survey feet)

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

Depth: One inch below adjacent road surface

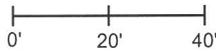
Indiana tie card references:

IN02_T20NR2E19_44

IN02_T20NR2E20_36

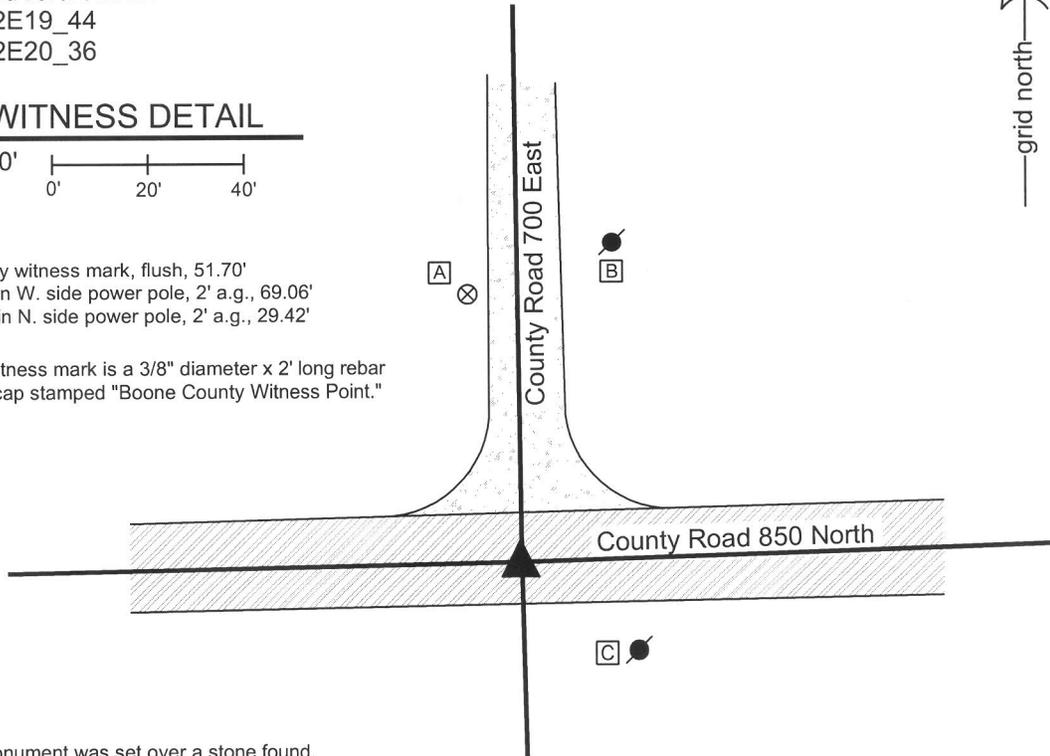
CORNER WITNESS DETAIL

SCALE 1" = 40'



- A - Boone County witness mark, flush, 51.70'
- B - Mag nail set in W. side power pole, 2' a.g., 69.06'
- C - Mag nail set in N. side power pole, 2' a.g., 29.42'

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

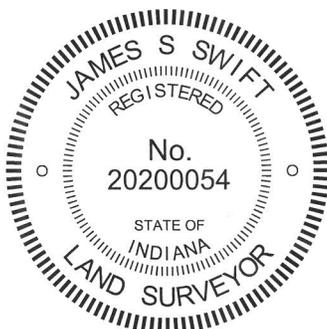


The Harrison monument was set over a stone found.

A BCS record of January 22, 1869 states "Found from Sugar (blown out by the roots but is here yet) drove no stake." A BCS tie card dated July 1975 states "Stone Found 14 inches deep."

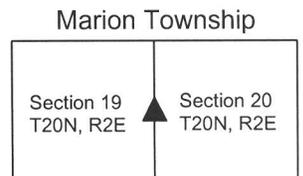
This corner was excavated on July 30, 2013. Prior to excavation, a 1/2 inch diameter rebar was found at 8 inches deep in a hole in the asphalt roadway. Excavation revealed a stone found at 14 inches deep, west of the rebar. With the top 9 inches of the stone exposed, it measured 9 inches E-W by 6 inches N-S and was clearly yet larger in the vertical dimension. The stone was embedded in the clay layer below the road, protruding approximately 2 inches into the bottom of the road bed. No specific marks were found on the stone. The stone appeared to be stable and undisturbed. Nothing beside road bed material and clay was found below the rebar, which was removed during excavation and measured to be 14 inches tall. It is noted that BCS field crews from 1968 to 1974 generally followed a procedure of stating "stone" if a stone was found, then removing it and replacing it with another monument, typically a section of railroad rail or 1/2 inch rebar, with no specific mention of that action. The crew working in 1975 (Kent and Joe) were more descriptive in their records, stating such phrases as "stone found - set rod." The fact that they only state that the stone was found is interpreted, for this particular field crew, as meaning they found it and left it place. Given that the found stone fits the characteristics of other stones found marking corners throughout the county and was found at the depth called for in the 1975 record and fits with local evidence, being at the center of the intersection of the two roads, and appeared to be undisturbed, the stone was held as marking the corner. A Harrison monument was set over the top, center of the stone. The rebar, removed during excavation, had been 1.2 feet east and 0.4 foot north of this point. The source of the rebar is not known.

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
 February 5, 2015



PHOTOGRAPHIC DOCUMENTATION

Date of photography: July 30, 2013

View of the stone as first exposed.



View from above and south showing the stone exposed and the position of the rebar (marked by the plumb-bob).



View from the south, looking across the stone and north along County Road 700 East.



View from the east, looking across the stone and west along County Road 850 North.



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

SECTION CORNER RECORD

BOONE COUNTY SURVEYOR'S OFFICE

NE 900-650

State Plane grid coordinates NAD83 (CORS96):

North: 1793978.88 East: 3158553.59 (U.S. survey feet)

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

Depth: six inches below adjacent gravel road surface

Indiana tie card references:

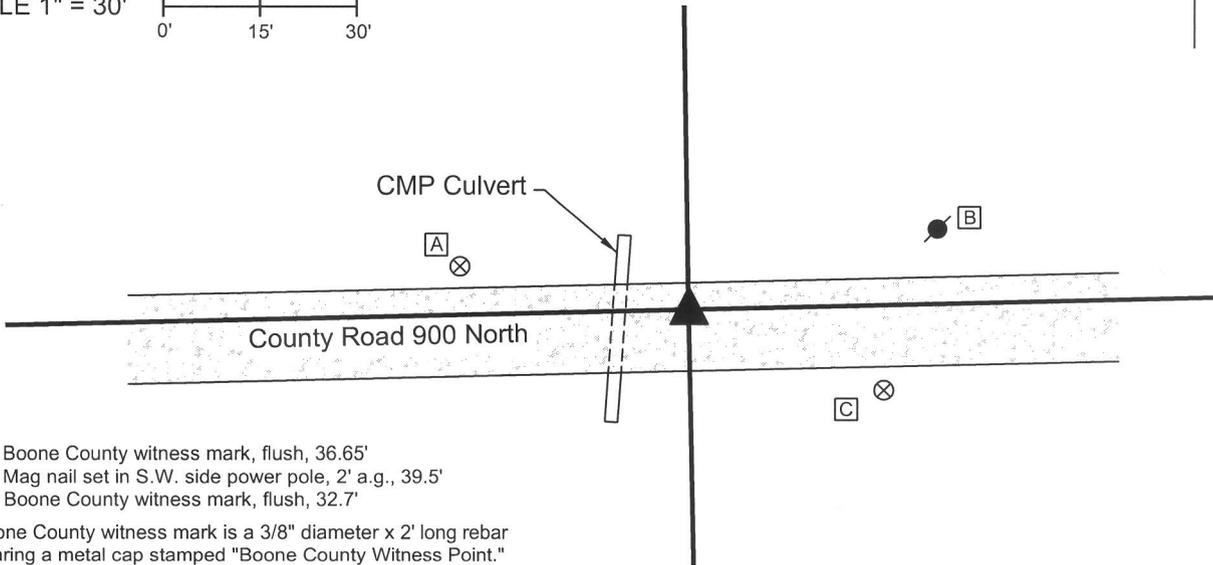
IN02_T20NR2E18_76

IN02_T20NR2E19_04



CORNER WITNESS DETAIL

SCALE 1" = 30'



- A - Boone County witness mark, flush, 36.65'
- B - Mag nail set in S.W. side power pole, 2' a.g., 39.5'
- C - Boone County witness mark, flush, 32.7'

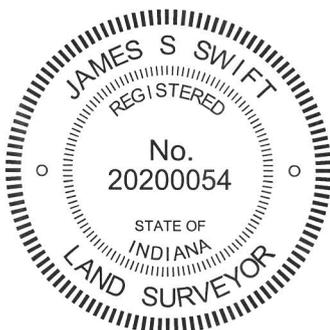
Boone County witness mark is a 3/8" diameter x 2' long rebar bearing a metal cap stamped "Boone County Witness Point."

The harrison monument was set in place of a vertical section of steel T-post found.

A BCS record of October 22, 1873 states "the point found from stump of one tree." A BCS record of May 19, 1895 states "Reestablished. Set Rock 24x15x8 marked +." A BCS tie card dated January 18, 1994 shows the corner as a metal post with no documentation of source.

This corner was excavated on September 19, 2013. Prior to excavation a steel T-post was found at 11 inches deep in the gravel road. Excavation of an area extending 2 feet north, 2 feet east, 7 feet south and 10 feet west of the metal post revealed no further evidence of the corner. Modern fill material, being #53 road stone was found immediately below the gravel road surface extending to approximately 12 inches deep. No ancient road bed material was found between the modern fill and the clay layer below the road. At the west edge of the area of excavation the modern fill material was found to extend deeper and appears to be back fill material for a culvert which crosses the road immediately west of the corner. The presence of the modern fill material indicates that sufficient construction has been performed on the road bed that it is most likely that the corner stone set in 1895 has been removed. Analysis of measurements from the 1895 record and the corners to the east and west indicate that the corner may be located up to 8 feet further west, but given the presence of the culvert and the lack of evidence found in the road, the metal post shown on the 1994 tie card was accepted as marking the corner. This marker was replaced with a harrison monument in the same position.

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
February 5, 2015

Marion Township

Section 18
T20N, R2E

Section 19
T20N, R2E

SECTION CORNER RECORD

BOONE COUNTY SURVEYOR'S OFFICE

NE 900-700

State Plane grid coordinates NAD83 (CORS96):

North: 1794038.31 East: 3161197.33 (U.S. survey feet)

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

Depth: six inches below adjacent gravel road surface

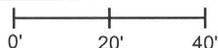
Indiana tie card references:

IN02_T20NR2E18_80 IN02_T20NR2E17_72

IN02_T20NR2E19_08 IN02_T20NR2E20_00

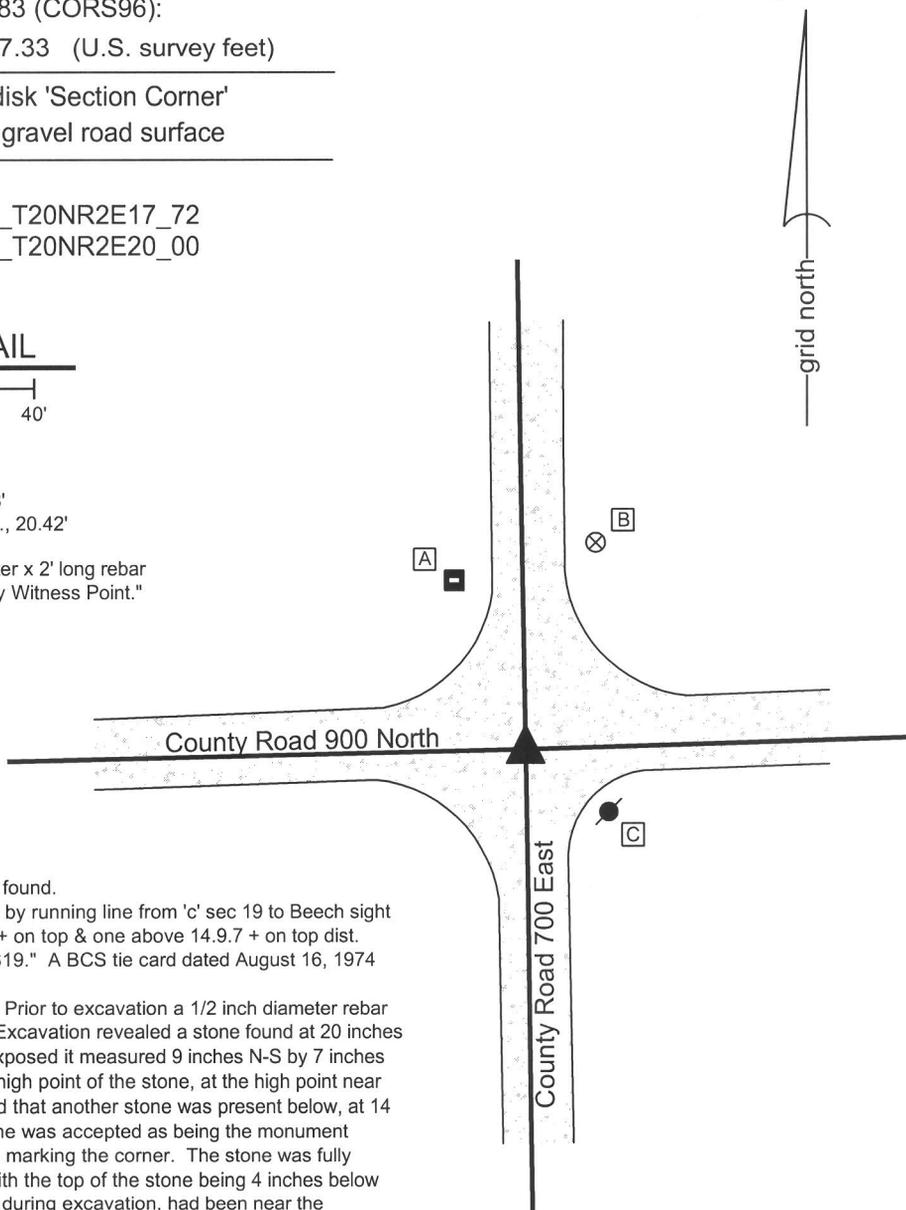
CORNER WITNESS DETAIL

SCALE 1" = 40'



- A - East edge, metal stop sign post, 37.56'
- B - Boone County witness mark, flush, 45.38'
- C - Mag nail set in N. side power pole, 2' a.g., 20.42'

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

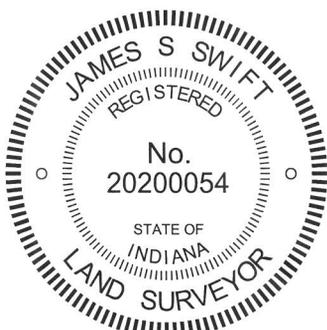


The harrison monument was set over a stone found.

A BCS record of April 28, 1883 states "Found by running line from 'c' sec 19 to Beech sight tree north (distance 49.20) Set Rock 6.11.13 + on top & one above 14.9.7 + on top dist. 29.13 south of sight tree & 20.07 north of 'c' S19." A BCS tie card dated August 16, 1974 states "no stone found."

This corner was excavated on July 30, 2013. Prior to excavation a 1/2 inch diameter rebar was found at the surface of the gravel road. Excavation revealed a stone found at 20 inches deep. With 6 inches of the top of the stone exposed it measured 9 inches N-S by 7 inches E-W. A vague chisel mark was visible at the high point of the stone, at the high point near the north edge of the stone. Probing indicated that another stone was present below, at 14 inches from the top of the top stone. The stone was accepted as being the monument described in the 1883 record and was held as marking the corner. The stone was fully embedded in the clay layer below the road, with the top of the stone being 4 inches below the top of the clay layer. The rebar, removed during excavation, had been near the southwest edge of the stone, being 0.5 foot south and 0.6 foot west of the etched mark on the high point. The stone was left in place and a harrison monument was set directly over the etched + mark.

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
 February 5, 2015

Marion Township

Section 18 T20N, R2E	Section 17 T20N, R2E
Section 19 T20N, R2E	Section 20 T20N, R2E

PHOTOGRAPHIC DOCUMENTATION

Date of photography: July 30, 2013

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



View from above, showing the etched "+" mark on the top of the stone.



View from above the stone, looking west along County Road 900 North.



View from the north, looking across the stone and south along County Road 700 East.



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