

SECTION CORNER RECORD

NW 400-150

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):

North: 1766778.10 East: 3116826.22 (U.S. survey feet)

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

Depth: one inch below adjacent road surface

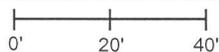
Indiana tie card references:

IN02_T19NR1W11_76

IN02_T19NR1W14_04

CORNER WITNESS DETAIL

SCALE 1" = 40'

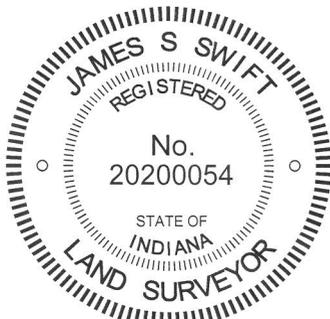
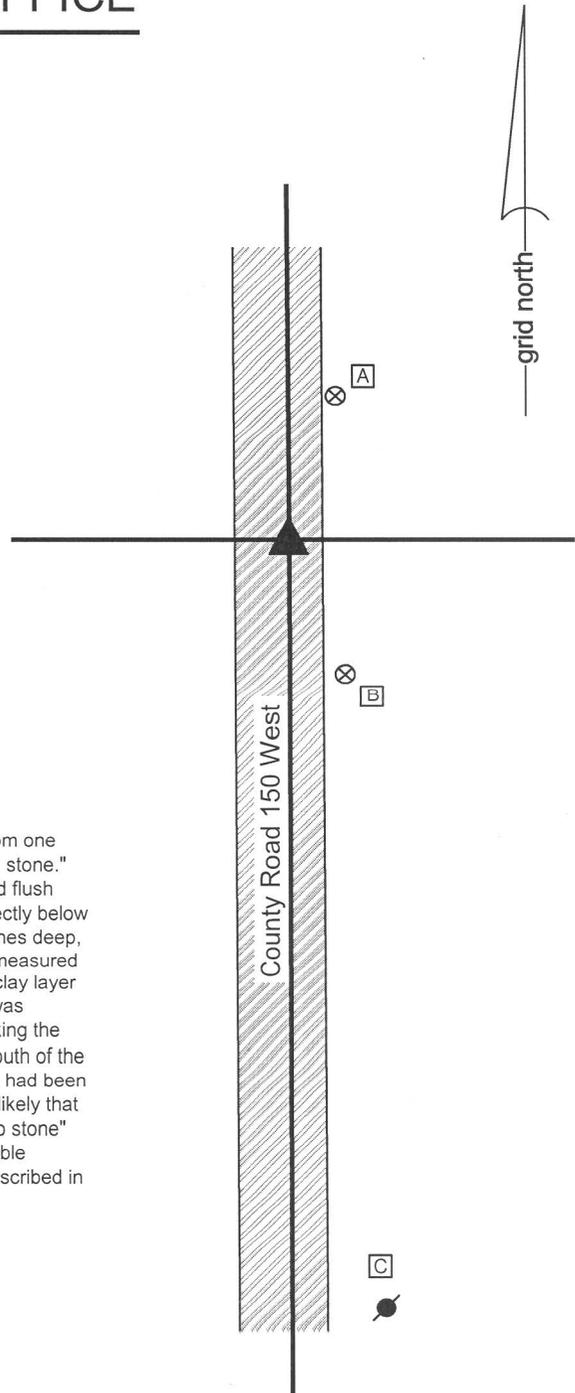


- A - Boone County witness mark, flush, 31.8'
- B - Boone County witness mark, flush, 30.6'
- C - Mag nail set in N.W. side power pole, 2' a.g., 161.9'

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

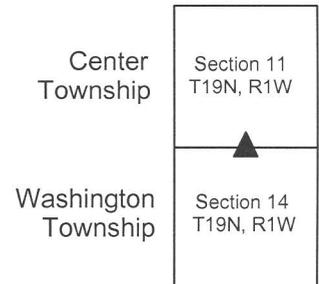
The Harrison monument was set over a stone found.

A BCS record dated March 30-31, 1866 states, with respect to this corner, "Reest'd from one tree. Set Rock 16x10x8 marked + on top." A BCS tie card dated July 1968 states "No stone." This corner was excavated on June 6, 2014. Prior to excavation, a mag nail was found flush with the surface of the road. Excavation revealed a vertical section of railroad rail, directly below the nail. Further excavation revealed the stone described in the 1866 record at 15 inches deep, north and east of the nail and rail. With the top 9 inches of the stone exposed, it was measured to be 10 inches N-S by 8 inches E-W. The stone was vertical, fully embedded in the clay layer below the road and an etched "+" mark was visible on the top, north side. The stone was accepted as being the same stone described in the 1866 record and was held as marking the corner. A Harrison monument was set over the top, high point of the stone, slightly south of the etched "+" mark on the north side. The nail and rail, both removed during excavation, had been 2.4 feet south and 2.7 feet west of the top, high point of the stone. It is believed most likely that the rail had been set in association with the creation of the 1968 tie card. The term "no stone" on BCS tie cards from that era is interpreted to mean "no stone found, rail set at probable location of the corner." The statement "no stone" is clearly erroneous, as the stone described in the 1866 record was present and appeared to be undisturbed. This corner was originally established as wood post in 1822.



Kenneth E. Hedge
 Kenneth E. Hedge, County Surveyor

James S. Swift
 James S. Swift, IN LS 20200054
 March 27, 2015



PHOTOGRAPHIC DOCUMENTATION

Date of photography: June 6, 2014

The stone as originally found.



The stone from above.



The same picture as is shown above.
The etched "+" mark is enhanced for ease of visual detection and the high point is denoted with a black triangle.



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

View from above the stone looking south along County Road 150 West (Witt Road.)



View from the south, looking across the stone and north along County Road 150 West.



SECTION CORNER RECORD

NW 500-100

BOONE COUNTY SURVEYOR'S OFFICE

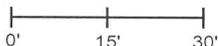
State Plane grid coordinates NAD83 (CORS96):
North: 1772071.05 East: 3119444.88 (U.S. survey feet)

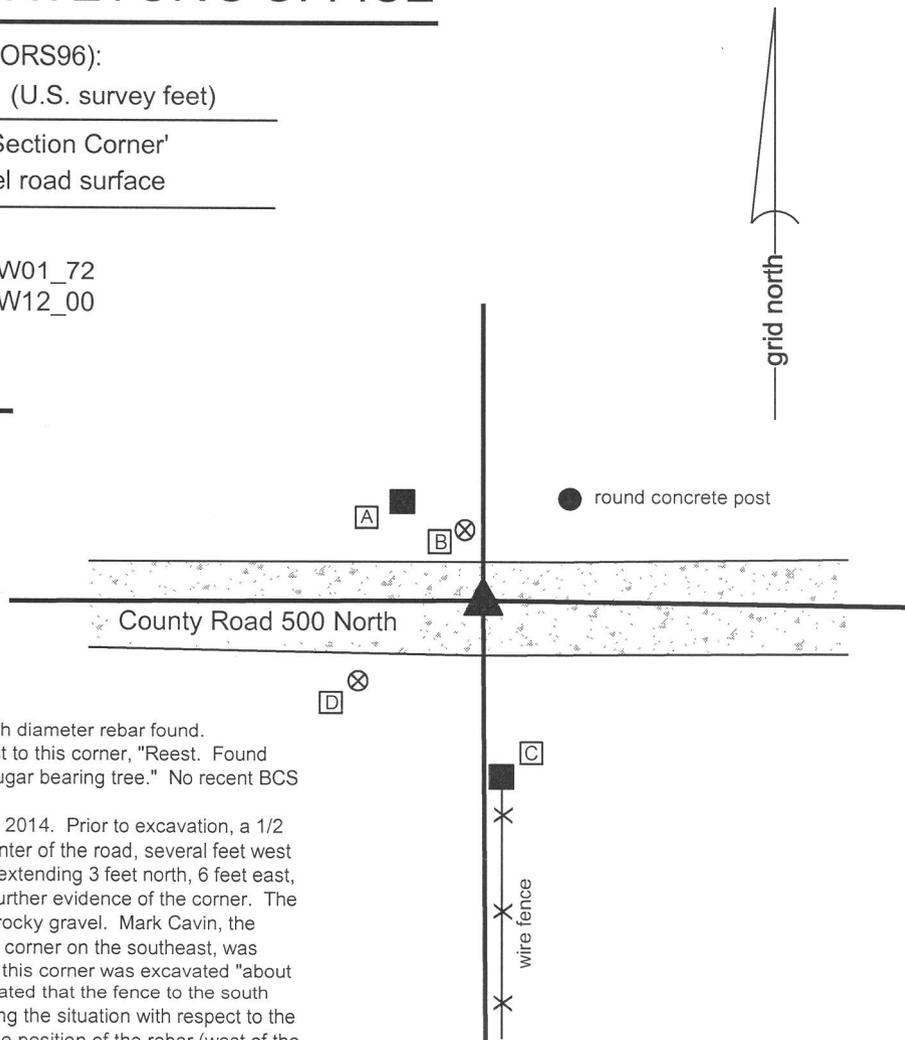
Type of monument: Harrison, 4" disk 'Section Corner'
Depth: six inches below adjacent gravel road surface

Indiana tie card references:

IN02_T19NR1W02_80 IN02_T19NR1W01_72
IN02_T19NR1W11_08 IN02_T19NR1W12_00

CORNER WITNESS DETAIL

SCALE 1" = 30' 

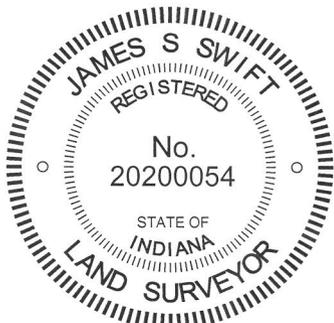


The Harrison monument was set in place of a 1/2 inch diameter rebar found. A BCS record of March 5-7, 1863 states, with respect to this corner, "Reest. Found stone at corner and marked it. Found roots of one sugar bearing tree." No recent BCS tie cards were found referencing this corner.

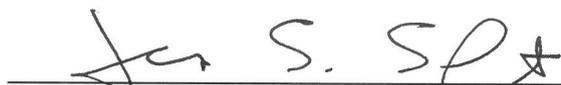
Excavation was performed at this corner on June 30, 2014. Prior to excavation, a 1/2 inch diameter rebar was found in the approximate center of the road, several feet west of the old fence to the south. Excavation of an area extending 3 feet north, 6 feet east, 5 feet south and 3 feet west of the rebar yielded no further evidence of the corner. The road bed in this vicinity was 4 to 6 inches of a large, rocky gravel. Mark Cavin, the resident and owner of the property which adjoins this corner on the southeast, was present during the excavation. Mr. Cavin stated that this corner was excavated "about 30 years ago and they found something." He also stated that the fence to the south had been there as long he could remember. Analyzing the situation with respect to the type of monument found (1/2 inch diameter rebar), the position of the rebar (west of the fence) and the time frame of previous excavation per Mr. Cavin's testimony, it is reasonable to conclude that the stone may have been found at that time and replaced with the 1/2 inch rebar. It is known that it was common practice for field crews in that era to remove stones, if found, and replace them with metal monuments, but not necessarily fully document the activity. Many stones are known to have been replaced with 1/2 inch rebars. The fact that the rebar is not in line with the fence is taken as evidence in support of this. It is common for stones to be found a short distance one side or the other of a fence, but it is typical that metal monuments set at estimated positions without the benefit of older evidence, such as a stone, to be set more in line with the fence. It is further noted that the rebar also fit very well with deed distances relative to monumentation and evidence of occupation for property corners to the east. The rebar was accepted as the best available evidence of the corner. The rebar was removed and 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.E. side wood post, 2' a.g., 19.2'
- B - Boone County witness mark, flush, 11.5'
- C - Mag nail set in N. side wood post, 2' a.g., 26.2'
- D - Boone County witness mark, flush, 23.2'

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, County Surveyor


James S. Swift, IN LS 20200054
March 27, 2015

Washington Township

Section 2 T19N, R1W	Section 1 T19N, R1W
Section 11 T19N, R1W	Section 12 T19N, R1W

SECTION CORNER RECORD

NW 500-150

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):

North: 1772063.34 East: 3116797.27 (U.S. survey feet)

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

Depth: One inch below adjacent road surface

Indiana tie card references:

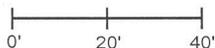
IN02_T19NR1W02_72

IN02_T19NR1W11_08

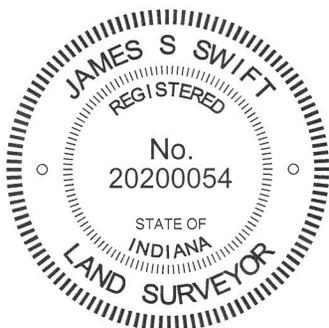
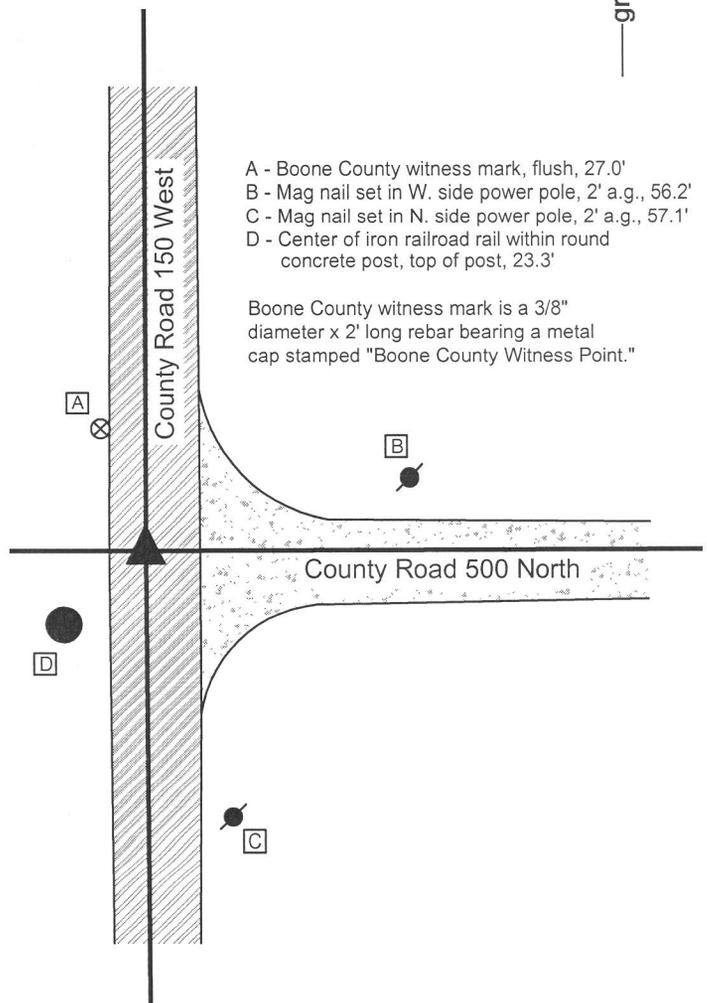


CORNER WITNESS DETAIL

SCALE 1" = 40'



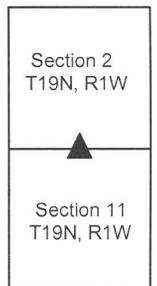
The Harrison monument was set over the top of a stone found. A BCS record of March 30-31, 1866 states, with respect to this corner, "Reest'd from trees. Set Rock 16x14x9, 1 on top." No recent BCS tie cards were found referencing this corner. Excavation was performed at this corner on June 6, 2014. Prior to excavation, a Mag nail was found 2 inches below the surface, in a hole in the asphalt roadway. Excavation revealed a railroad spike found directly below the Mag nail. Further excavation revealed a stone found at 14 inches deep, north of the spike. The stone was haphazard in its orientation, being neither vertical nor aligned with cardinal directions. The stone measured 12x8x9 inches and was entirely within the fill material of the roadway. This stone was removed and the stone described in the 1866 record was found below at 2 feet deep. With 7 inches of the top exposed, the lower stone measured 9 inches E-W by 11 inches N-S. The south side of the stone was sloping and clearly becoming larger. Using a probe pushed vertically along the south edge of the stone, it was determined that the full N-S extent of the stone was 14 inches, matching two of the dimensions described in the 1866 record. The total height of the stone was not measured, but it was observed that the stone was embedded in the clay layer below the road and appeared to be vertical. The stone had a rounded top, the high point of which was coincident with the approximate center of the top. No specific marks were identified. The stone was held as marking the corner and a Harrison monument was set directly over the top, center, high point of the stone. The Mag nail and railroad spike, removed during excavation, had been 1.7 feet south of this point. This corner was originally established as a wood post in 1822.



Kenneth E. Hedge
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March 27, 2015

Washington Township



PHOTOGRAPHIC DOCUMENTATION

Date of photography: June 6, 2014

The upper stone found in the fill material.



The lower stone, being the stone described in the 1866 record, exposed and washed.



View from above the stone, looking east along County Road 500 North.



View from above the stone, looking south along County Road 150 West (Witt Road.)



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