

SECTION CORNER RECORD

BOONE COUNTY SURVEYOR'S OFFICE

NE 700-200

State Plane grid coordinates NAD83 (CORS96):

North: 1782688.13 East: 3134877.00 (U.S. survey feet)

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

Depth: One inch below adjacent road surface

Indiana tie card references:

IN02_T20NR1E29_80 IN02_T20NR1E28_72

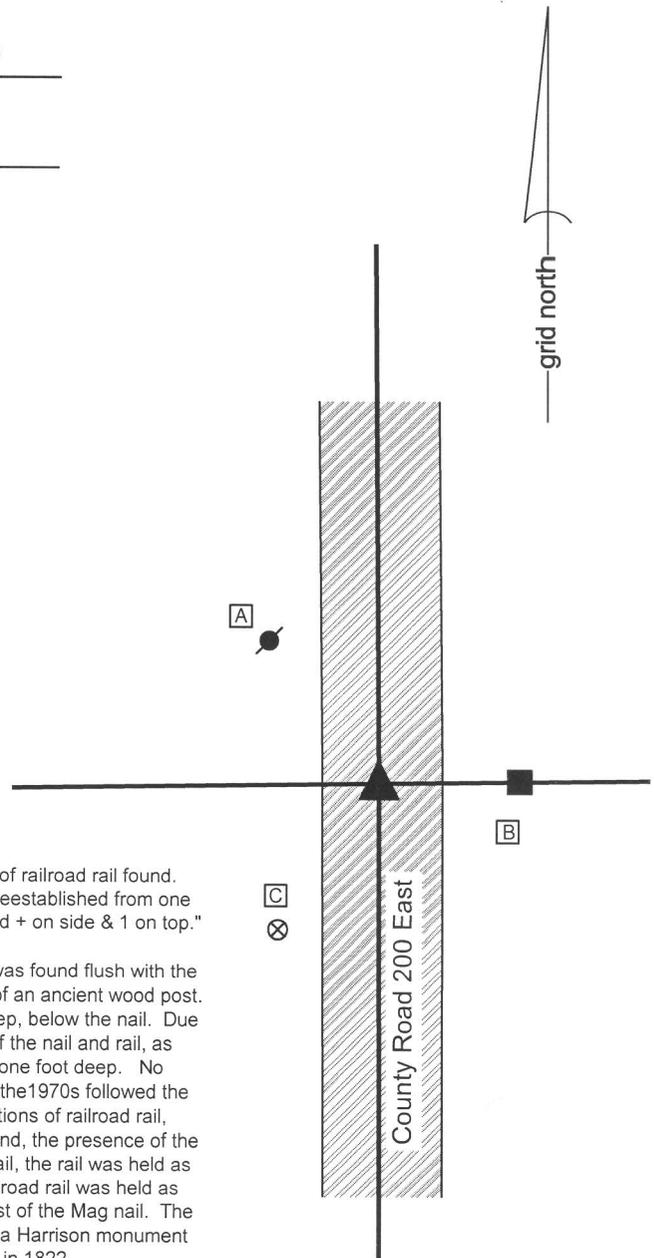
IN02_T20NR1E32_08 IN02_T20NR1E33_00

CORNER WITNESS DETAIL

SCALE 1" = 30'

- A - Mag nail set in S.E. side power pole, 2' a.g., 27.1'
- B - Mag nail set in W. side power pole, 1' a.g., 19.7'
- C - Boone County witness mark, flush, 28.0'

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



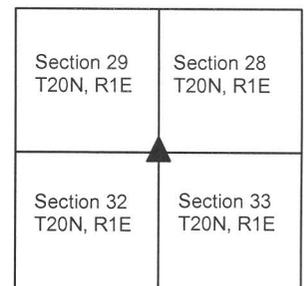
The Harrison monument was set in place of a Mag nail and a vertical section of railroad rail found. A BCS record dated June 22&23, 1866 states, with respect to this corner, " Reestablished from one tree. Set two Rocks. One 8.6.6 in marked +. Top Rock 16.8.8 inches marked + on side & 1 on top." A BCS tie card dated August, 1970 states "Found small stones - set rail." This corner was excavated on June 3, 2014. Prior to excavation a Mag nail was found flush with the surface of the road, in the approximate center of the road, immediately west of an ancient wood post. Excavation revealed a vertical section of railroad rail found at eight inches deep, below the nail. Due to the presence of a 600 pair phone line crossing the road in one foot south of the nail and rail, as marked by IUPPS, only an area being one foot by one foot was excavated to one foot deep. No further evidence of the corner was found. It is known that BCS field crews of the 1970s followed the practice of removing stones, when found and replacing them with vertical sections of railroad rail, unless otherwise noted. Given this known practice, the call for the stones found, the presence of the rail and the lack of any other evidence found in the immediate vicinity of the rail, the rail was held as providing the best available evidence of the corner. The top, center of the railroad rail was held as the position of the corner, being approximately 0.2 foot north and 0.2 foot east of the Mag nail. The railroad rail was left in place, the top of the rail was anchored in concrete and a Harrison monument was set above the rail. This corner was originally established as a wood post in 1822.



Kenneth E. Hedge
 Kenneth E. Hedge, County Surveyor

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

Clinton Township



SECTION CORNER RECORD

NE 700-300

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):

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'

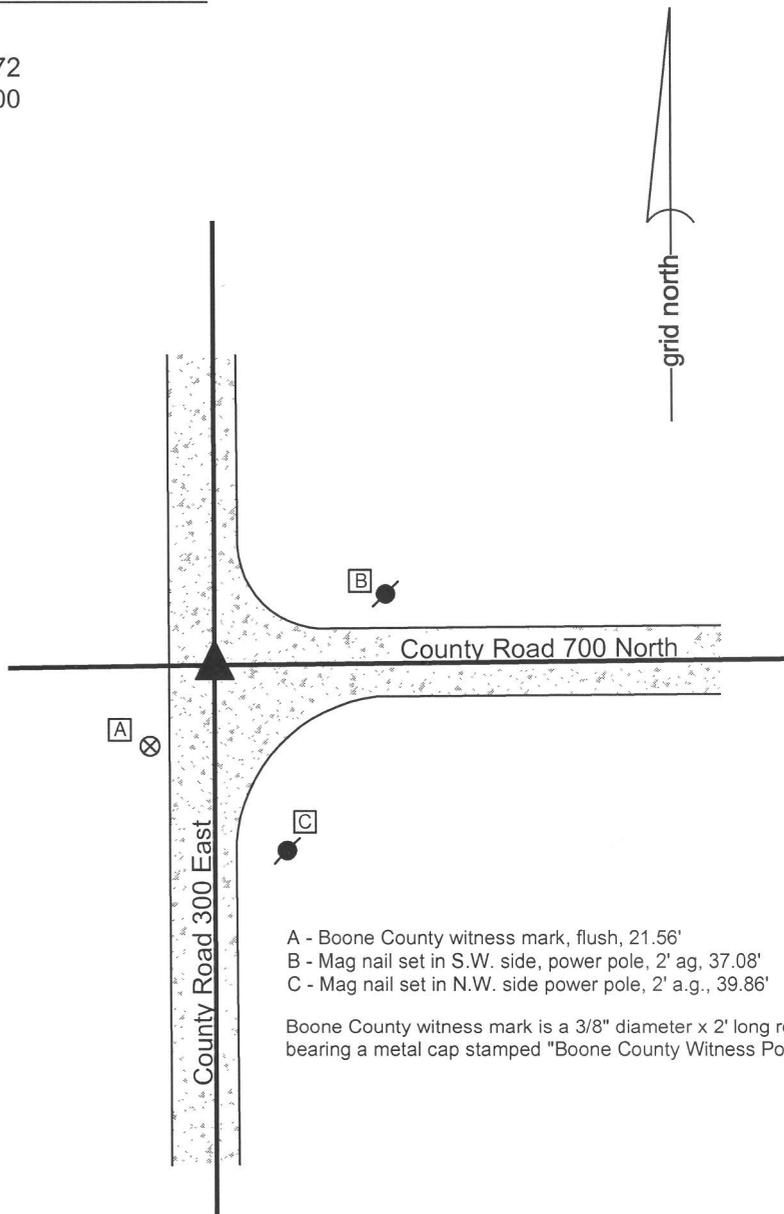


The Harrison monument was set over an etched "+" mark on the top of a stone.

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.

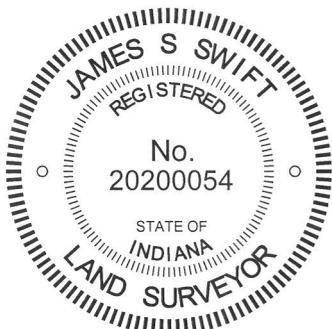
This corner was excavated on May 21, 2014. Prior to excavation, the top of a section of railroad rail was found at 2 inches below grade, apparently leaning to the south. Excavation revealed another railroad rail, leaning slightly to the north, south and west of the first rail. Further excavation revealed 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."



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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.



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



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



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

SECTION CORNER RECORD

BOONE COUNTY SURVEYOR'S OFFICE

NE 750-200

State Plane grid coordinates NAD83 (CORS96):

North: 1785324.37 East: 3134860.50 (U.S. survey feet)

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

Depth: One inch below adjacent road surface

Indiana tie card references:

IN02_T20NR1E28_36

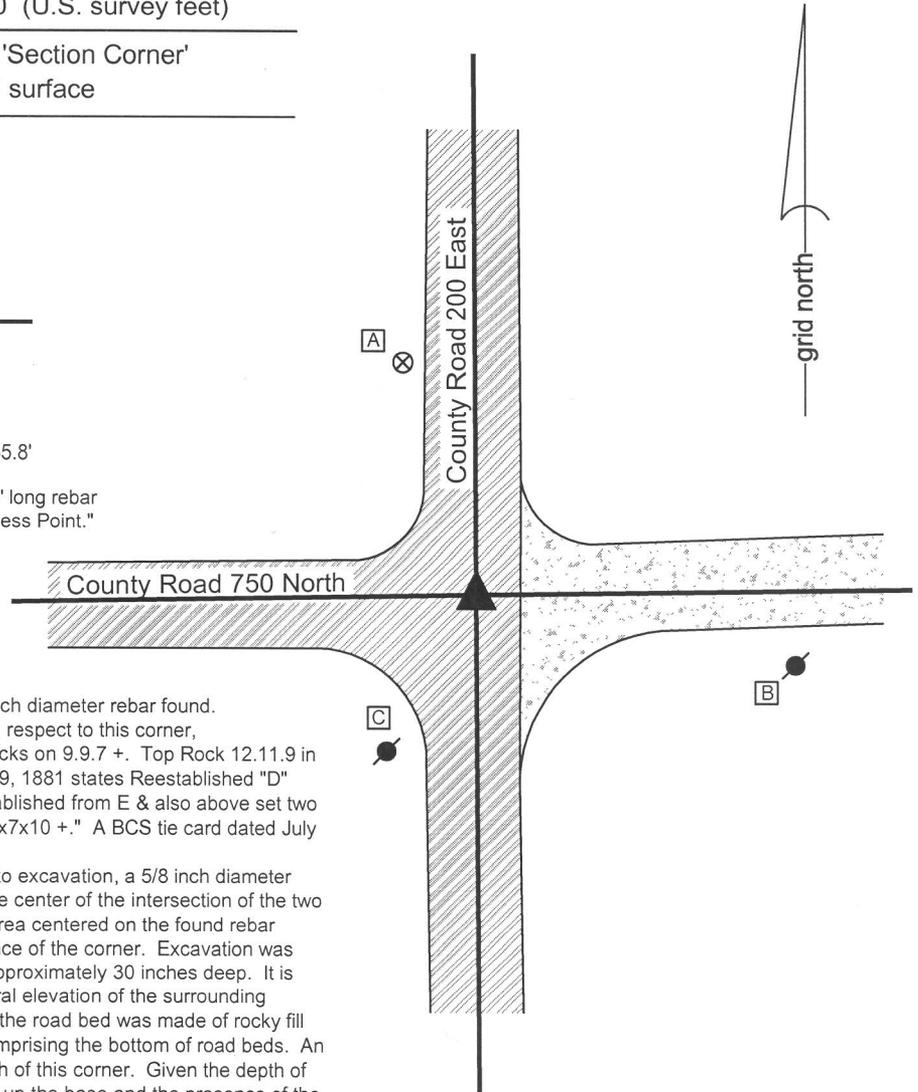
IN02_T20NR1E29_44

CORNER WITNESS DETAIL

SCALE 1" = 40'

- A - Boone County witness mark, flush, 50.3'
- B - Mag nail set in N.W. side, power pole, 66.4'
- C - Mag nail set in N.E. side power pole, 2' a.g., 35.8'

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



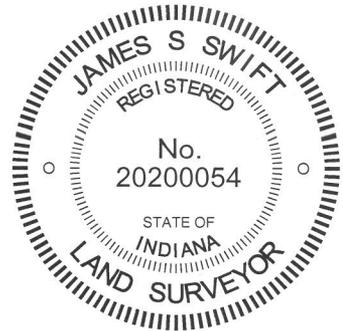
The Harrison monument was set in place of a 5/8 inch diameter rebar found. A BCS record dated March 21-22, 1867 states, with respect to this corner, "Reestablished from stump of one tree. Set two Rocks on 9.9.7 +. Top Rock 12.11.9 in Marked + on top." A BCS record dated September 9, 1881 states Reestablished "D" (above). Made good search and didn't find. Reestablished from E & also above set two rocks. Lower one 10x10x10 no mark. Upper one 8x7x10 +." A BCS tie card dated July 9, 1975 states "No stone found - set rod."

This corner was excavated on June 2, 2014. Prior to excavation, a 5/8 inch diameter rebar was found at 8 inches deep in the approximate center of the intersection of the two roads. Excavation of an 5 foot N-S by 5 foot E-W area centered on the found rebar yielded no further monumentation or specific evidence of the corner. Excavation was performed to the clay layer below the road bed at approximately 30 inches deep. It is noted that this depth is significantly below the general elevation of the surrounding ground. It is also noted that the bottom 8 inches of the road bed was made of rocky fill material, rather than the sandy material typically comprising the bottom of road beds. An open ditch crosses the road immediately to the north of this corner. Given the depth of the base of the road bed, the material which makes up the base and the presence of the open ditch, it is evident that this specific area was probably wet and muddy once upon a time. It appears that the area was excavated at some point previously and the road bed was established deeper and with more substantial material than is typical for rural roadways. This observation may account for the fact that the stones called for in the BCS record were not found.

It is not specifically known whether the 5/8 inch rebar represents the "rod" called for in the 1975 tie card. It is noted that it is more likely that the BCS field crew which set this "rod" would have used a 1/2 inch diameter rebar rather than a 5/8 inch diameter rebar. However, the rebar fits well with local evidence in the form of being at the intersection of the centers of the two roads. No distance ties shown on the 1975 tie card remain. Given the lack of any other monumentation or evidence found, the rebar was accepted as providing the best available evidence of the corner.

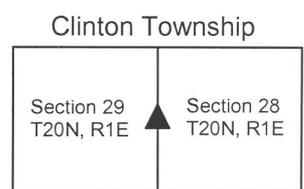
The rebar was removed during excavation and was replaced with a Harrison monument set in the same position.

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



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



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:

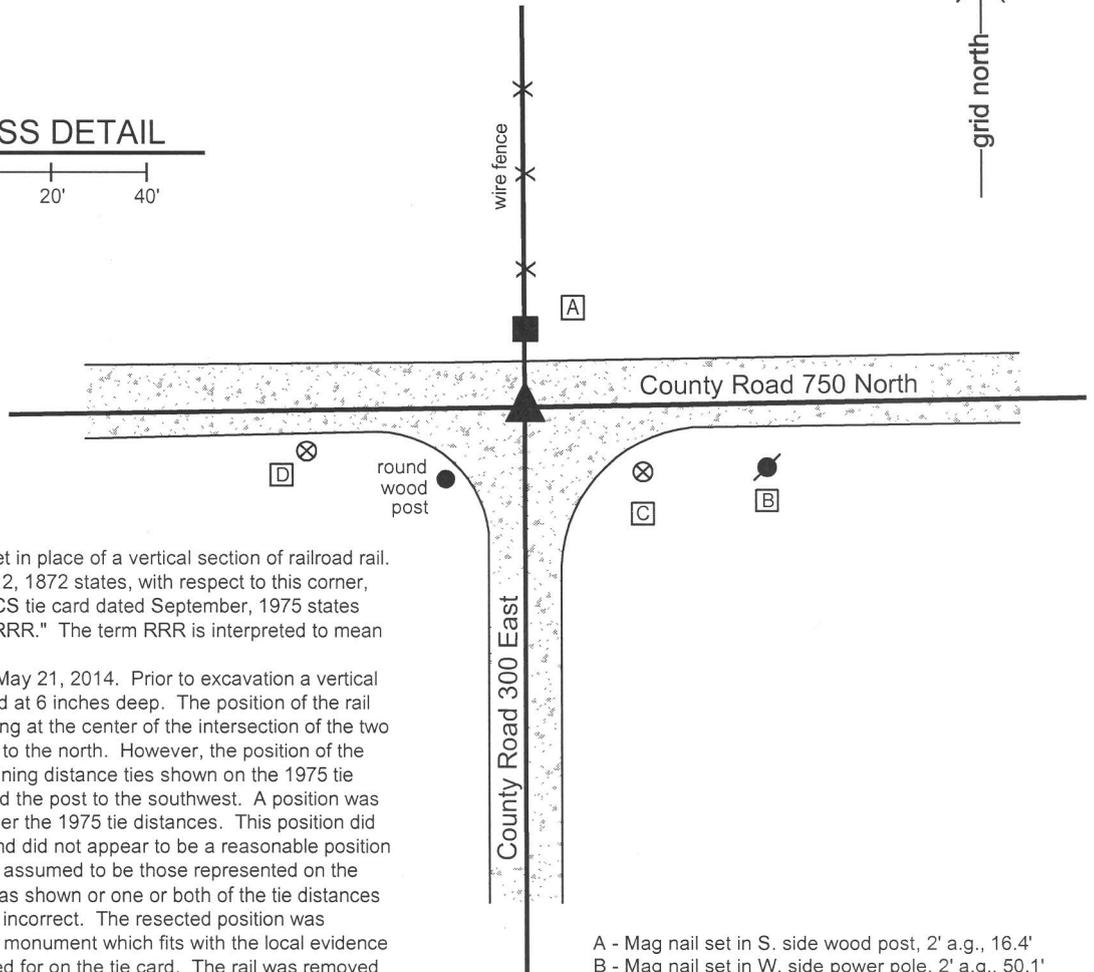
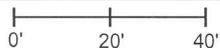
IN02_T20NR1E27_36

IN02_T20NR1E28_44



CORNER WITNESS DETAIL

SCALE 1" = 40'

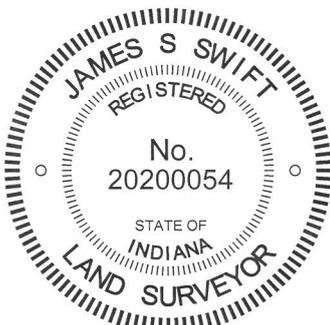


The Harrison monument was set in place of a vertical section of railroad rail. A BCS record dated February 12, 1872 states, with respect to this corner, "Reestablished by stake." A BCS tie card dated September, 1975 states "Stone Found - Replaced with RRR." The term RRR is interpreted to mean Railroad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

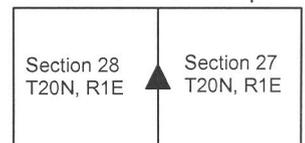
Boone County witness mark is a 3/8" diameter x 2' long rebar bearing a metal cap stamped "Boone County Witness Point."



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

Clinton Township



SECTION CORNER RECORD

BOONE COUNTY SURVEYOR'S OFFICE

NE 800-200

State Plane grid coordinates NAD83 (CORS96):

North: 1787955.91 East: 3134847.05 (U.S. survey feet)

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

Depth: One inch below adjacent road surface

Indiana tie card references:

IN02_T20NR1E20_80 IN02_T20NR1E21_72

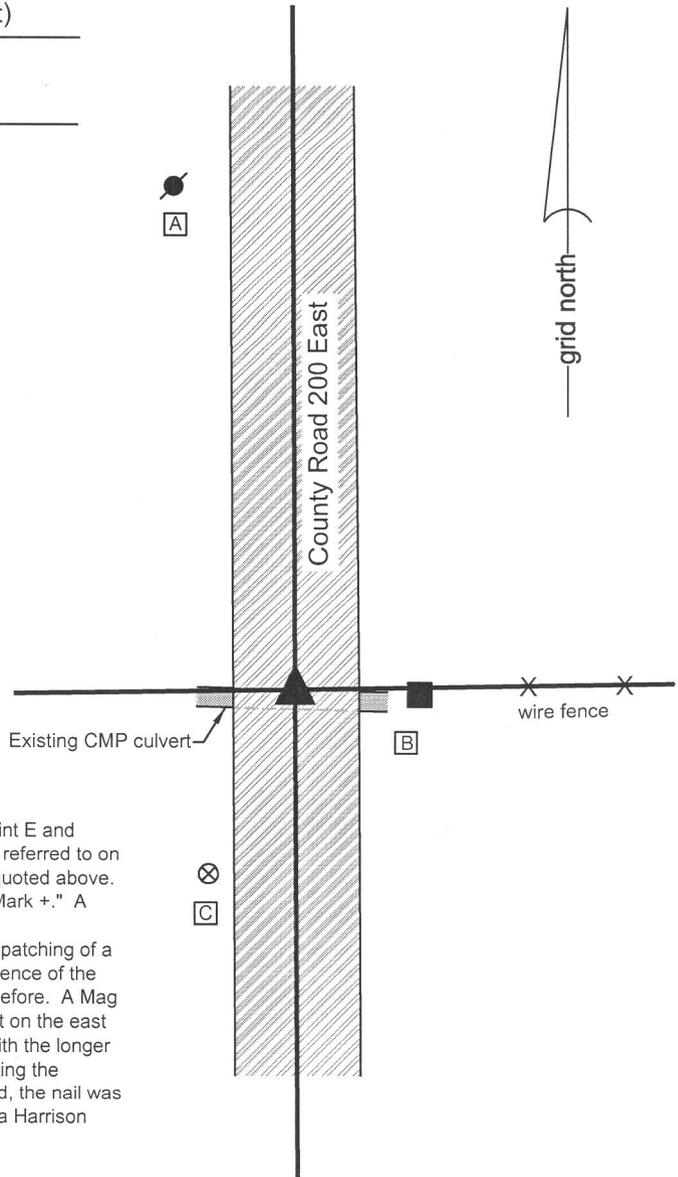
IN02_T20NR1E29_08 IN02_T20NR1E28_00

CORNER WITNESS DETAIL

SCALE 1" = 30'

- A - Mag nail set in S.E. side power pole, 3' a.g., 80.8'
- B - Mag nail set in W. side wood post, 2.5' a.g., 19.5'
- C - Boone County witness mark, flush, 32.0'

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

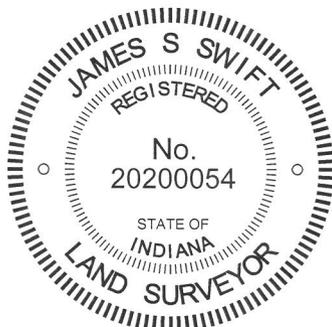


The Harrison monument was set in place of a Mag nail found.

A BCS record of May 8, 1865 states, with respect to this corner, "Found point E and drove stake." A BCS record dated March 21-22, 1867 states "Found stake referred to on page 401." The reference to page 401 is a reference to the 1865 record quoted above. A BCS record dated June 2, 1883 states "Reestablished Stone 18x14x14 Mark +." A BCS tie card dated July 9, 1975 states "No Stone Found - Set Rod."

No significant excavation was performed at this corner, as it falls within the patching of a recently installed corrugated steel culvert pipe. It is believed that any evidence of the corner would have been obliterated by the installation of the culvert, if not before. A Mag nail found in the center of the road fit reasonably well with the tie to the post on the east side of the road. The nail is slightly north of the post but generally in line with the longer fence bearing east from the post. The Mag nail was accepted as representing the position of the rod set in 1975. With no contrary evidence likely to be found, the nail was accepted as marking the corner. The nail was removed and replaced with a Harrison monument set in the same position.

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



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