

SECTION CORNER RECORD

NE 700-1100

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):

North: 1784130.04 East: 3182640.01 (U.S. survey feet)

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

Depth: six inches below adjacent gravel road surface

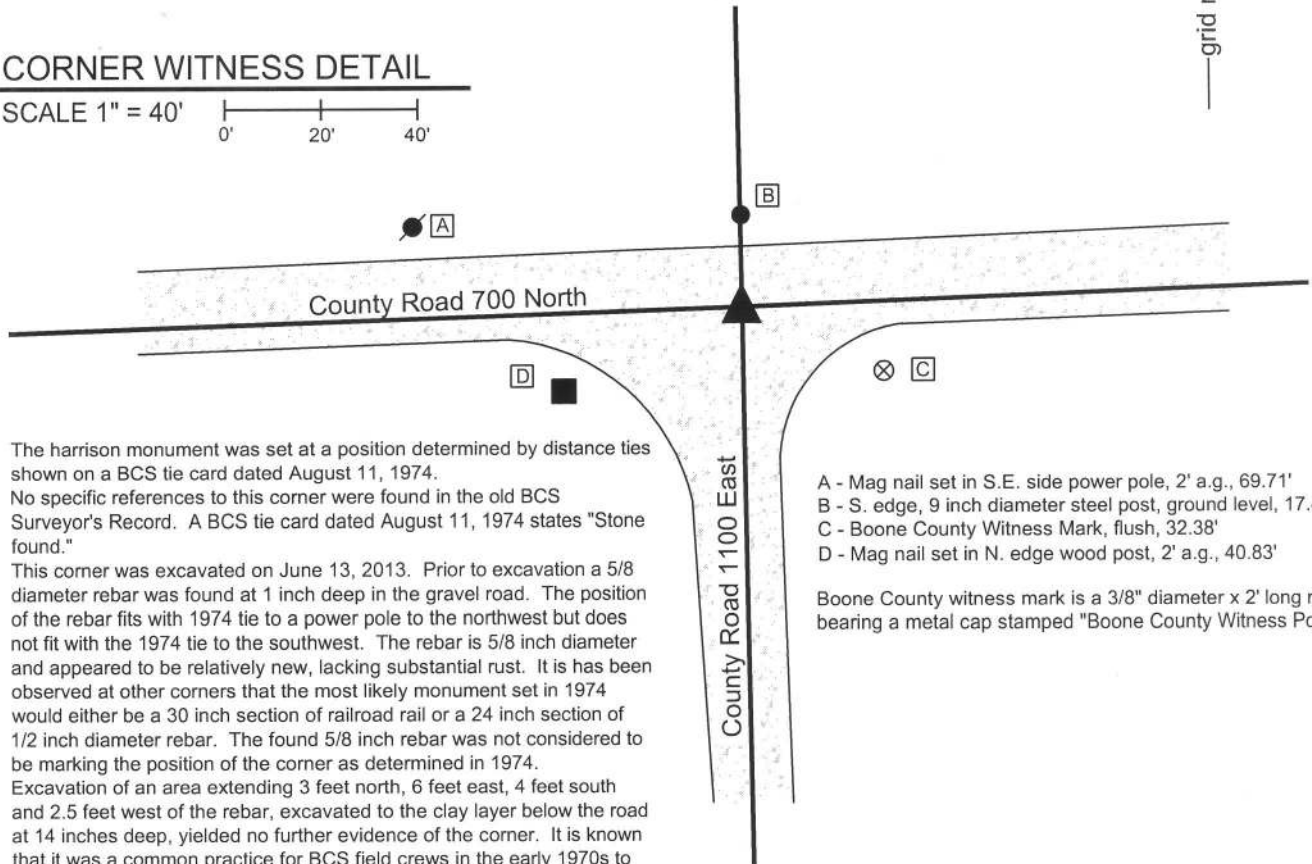
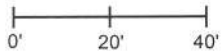
Indiana tie card references:

IN02_T20NR2E26_80 IN02_T20NR2E25_72

IN02_T20NR2E35_08 IN02_T20NR2E36_00

CORNER WITNESS DETAIL

SCALE 1" = 40'



The harrison monument was set at a position determined by distance ties shown on a BCS tie card dated August 11, 1974.

No specific references to this corner were found in the old BCS Surveyor's Record. A BCS tie card dated August 11, 1974 states "Stone found."

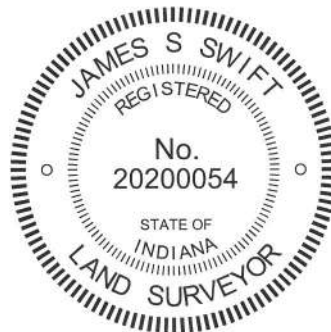
This corner was excavated on June 13, 2013. Prior to excavation a 5/8 diameter rebar was found at 1 inch deep in the gravel road. The position of the rebar fits with 1974 tie to a power pole to the northwest but does not fit with the 1974 tie to the southwest. The rebar is 5/8 inch diameter and appeared to be relatively new, lacking substantial rust. It is has been observed at other corners that the most likely monument set in 1974 would either be a 30 inch section of railroad rail or a 24 inch section of 1/2 inch diameter rebar. The found 5/8 inch rebar was not considered to be marking the position of the corner as determined in 1974.

Excavation of an area extending 3 feet north, 6 feet east, 4 feet south and 2.5 feet west of the rebar, excavated to the clay layer below the road at 14 inches deep, yielded no further evidence of the corner. It is known that it was a common practice for BCS field crews in the early 1970s to remove stones, if found, and replace them with either a railroad rail of a 1/2 inch diameter rebar. It is reasonable to expect that the stone found in 1974 was removed and also reasonable to expect that the monument set in its place may have been removed by a road grader at some point in the intervening 39 years. The position of the corner determined in 1974 was reconstructed using the two distance remaining distance ties, holding the southeast edge of the power pole and the northeast corner of the wood post, as graphically demonstrated on the 1974 tie card. A harrison monument was set at this position. The 5/8 inch diameter rebar, removed during excavation, had been 1 foot north and 2 feet east of this position.

This corner was originally established as a wood post in 1821.

- A - Mag nail set in S.E. side power pole, 2' a.g., 69.71'
- B - S. edge, 9 inch diameter steel post, ground level, 17.43'
- C - Boone County Witness Mark, flush, 32.38'
- D - Mag nail set in N. edge wood post, 2' a.g., 40.83'

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



Marion Township

Section 26 T20N, R2E	Section 25 T20N, R2E
Section 35 T20N, R2E	Section 36 T20N, R2E

Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

James S. Swift
James S. Swift, IN LS 20200054

February 5, 2015

SECTION CORNER RECORD

NE 700-1150

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):

North: 1784236.96 East: 3185302.95 (U.S. survey feet)

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

Depth: four inches below the adjacent gravel road surface

Indiana tie card references:

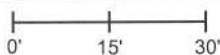
IN02_T20NR2E25_76

IN02_T20NR2E36_04



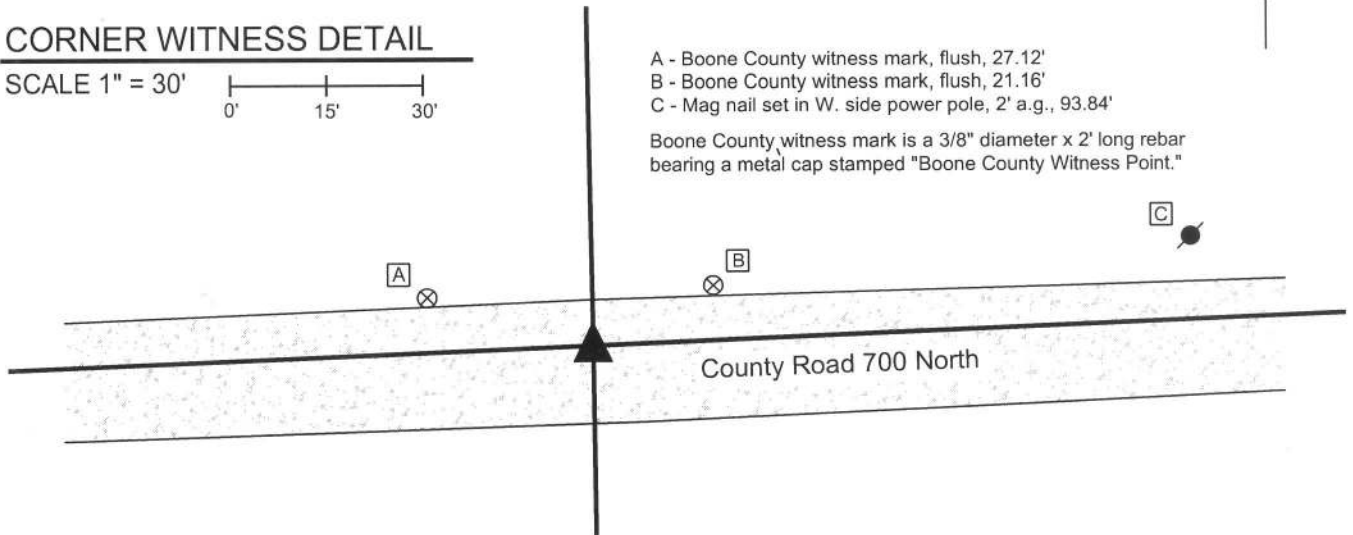
CORNER WITNESS DETAIL

SCALE 1" = 30'



- A - Boone County witness mark, flush, 27.12'
- B - Boone County witness mark, flush, 21.16'
- C - Mag nail set in W. side power pole, 2' a.g., 93.84'

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 stone found.

No specific descriptions of this corner were found in the old BCS Surveyor's Record, though the corner is mentioned as the terminal point for measurements in records of 1851, 1872 and 1891, indicating that some object was present from which to measure. The 1876 county atlas shows a road along the E-W section line, hence the measurement reference in the 1891 record, at least, would indicate that the object was present in the road. A BCS tie card dated August 11, 1974 states "no stone found" and shows the corner as being at the midpoint between posts on each side of County Road 700 North. A BCS tie card dated January 18, 1994 shows the corner as a metal fence post in the center of County Road 700 North with no documentation of source.

This corner was excavated on September 18, 2013. Prior to excavation a section of steel "T-post" was found flush with the surface of the gravel road. Excavation revealed a stone found at 5 inches deep, west of the steel post. The stone was leaning northeast as originally found, appearing to have been hit by a road grader. The base of the stone was fully embedded in the clay layer below the road. Though leaning, the stone did not appear to be disturbed from its original position at the base. Stood up in its natural orientation the stone was vertical and the top of the stone was flush with the surface of the road. The road bed in this area was found to be 3 inches of gravel with a dense layer of clay below. Hence the stone, as stood up, was embedded in the clay layer, protruding 3 inches into the road bed. This is typical of many corner stones found throughout the county. The stone was removed from the road, measured and found to be 15 inches tall by 8 inches 5 inches N-S by 8 inches E-W. As stood up, the stone had a distinct high point. An etched mark was vaguely visible but not possible to confirm due to the apparent damage to the top of the stone by being hit by the road grader. The stone was accepted as the best evidence of the original position of the corner. A harrison monument was set in place of the stone at the position of the distinct high point, as stood up. The steel post was found to be 16 inches long, painted red and did not appear to be substantially aged, having minimal rust and deterioration. The post had been 2.0 feet east and 0.6 foot south of the stone and was removed during excavation.

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 25
T20N, R2E

Section 36
T20N, R2E

PHOTOGRAPHIC DOCUMENTATION

Date of photography: September 18, 2014

View of the stone as first exposed.



View of the stone from the north.



View from the east, looking across the stone and east along County Road 700 North.



View of the stone from the west.



View from the east, close-up.



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

SECTION CORNER RECORD

NE 750-1100

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):

North: 1786773.27 East: 3182589.53 (U.S. survey feet)

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

Depth: six inches below adjacent gravel road surface

Indiana tie card references:

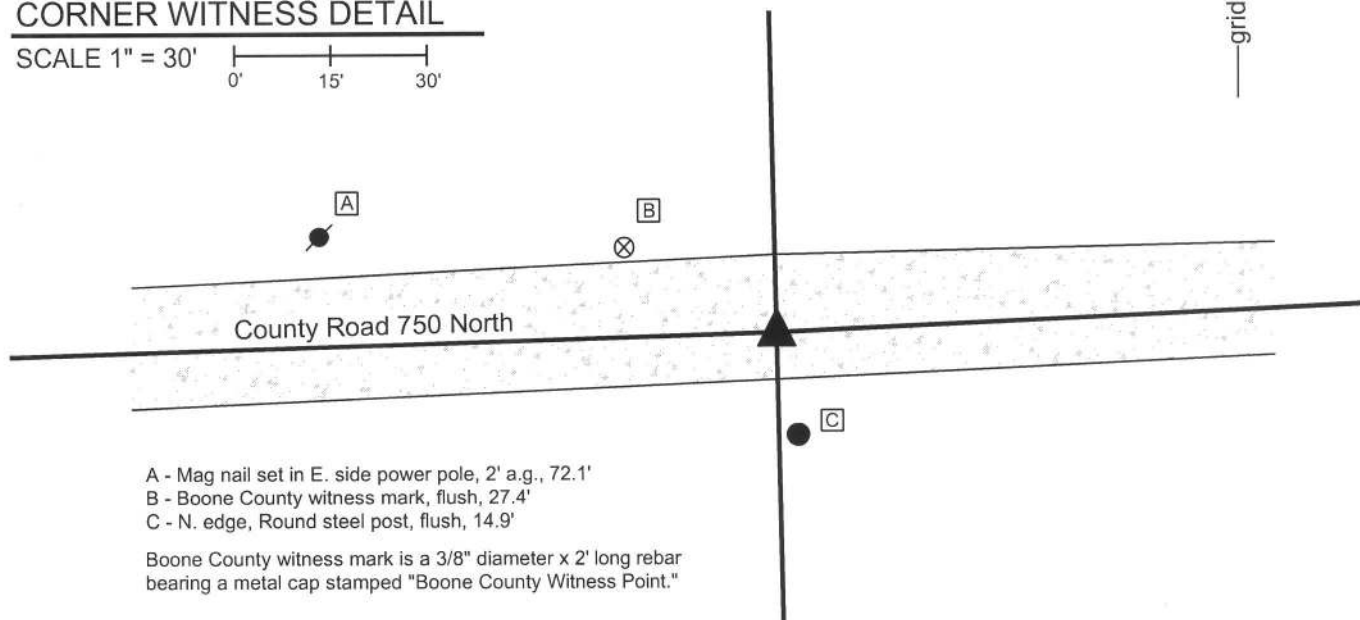
IN02_T20NR2E25_36

IN02_T20NR2E26_44



CORNER WITNESS DETAIL

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



- A - Mag nail set in E. side power pole, 2' a.g., 72.1'
- B - Boone County witness mark, flush, 27.4'
- C - N. edge, Round steel post, flush, 14.9'

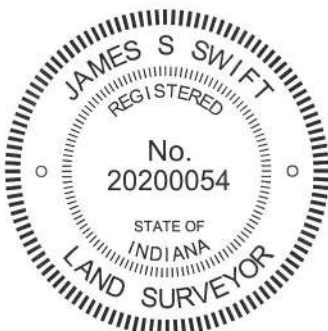
Boone County witness mark is a 3/8" diameter x 2' long rebar bearing a metal cap stamped "Boone County Witness Point."

The harrison monument was set in place of a stone found.

No specific descriptions of this corner were found in the old BCS Surveyor's Record, though the corner is mentioned as the terminal point for measurements in records of 1851, 1860, 1869 and 1912, indicating that some object was present from which to measure. A BCS tie card dated August 20, 1974 states "no stone found" and shows the corner at the midpoint between the end posts on the north and south sides of the road. A BCS tie card dated September 1, 1995 shows the corner as a 5/8 inch rebar in line with a steel post on the south side of the road.

This corner was excavated on September 18, 2013. Prior to excavation, a 5/8 inch diameter rebar with a red plastic cap (markings illegible) was found at 2 inches deep in the gravel road. Excavation revealed a stone found at 2 inches deep, west of the rebar. The stone had a flat top, approximately 10 inches by 10 inches which appeared to have been repeatedly scraped by road grading equipment. The stone was removed and found to be 17 inches tall by 12 inches N-S by 14 inches E-W, of a blue speckled granite composition. The cross section of the road bed at this corner was found to be 3 to 4 inches of gravel over clay. Hence the stone had been well embedded in the clay layer, protruding 2 to 3 inches into the bottom the the road bed, which is a typical depth for stones relative to the bottom of the road bed. In this particular case, this depth placed the top of the stone nearly flush with the surface of the road. The stone was 3 feet west of the iron post on the south side of the road. The stone was accepted as the best evidence of the corner. The position of the center of the top of the stone prior to removal was held as marking the corner and a harrison monument was set in that position. The rebar, removed during excavation, had been 2.7' East and 1.4 feet north of the stone.

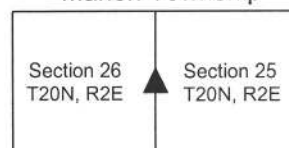
This corner was originally established as a wood post in 1821.



Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

James S. Swift
James S. Swift, IN LS 20200054
February 5, 2015

Marion Township



PHOTOGRAPHIC DOCUMENTATION

Date of photography: September 18, 2013

View of the stone as first exposed.



View of the stone, washed, from above and west.



The stone after being removed from the road.



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

View from the north, showing the stone and the round steel post on the south side of the road.



View from the east, looking across the stone and west along County Road 750 North.



SECTION CORNER RECORD

NE 800-1100

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1789418.53 East: 3182534.38 (U.S. survey feet)

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

Depth: Three inches above adjacent ground

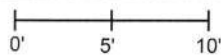
Indiana tie card references:

IN02_T20NR2E23_80 IN02_T20NR2E24_72

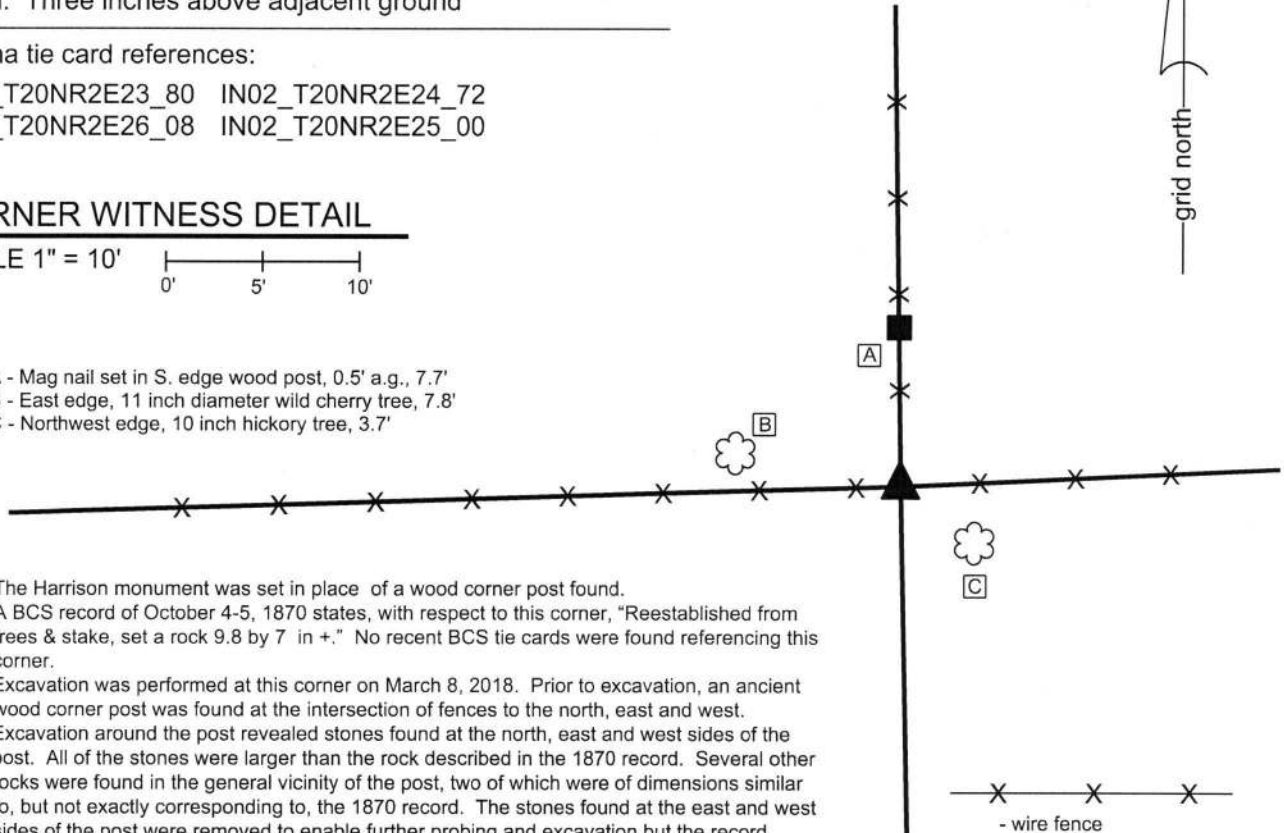
IN02_T20NR2E26_08 IN02_T20NR2E25_00

CORNER WITNESS DETAIL

SCALE 1" = 10'

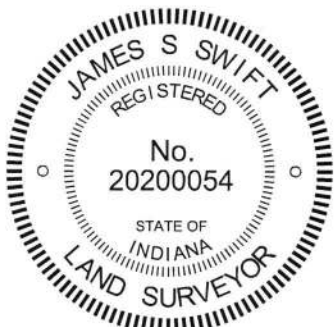


- A - Mag nail set in S. edge wood post, 0.5' a.g., 7.7'
- B - East edge, 11 inch diameter wild cherry tree, 7.8'
- C - Northwest edge, 10 inch hickory tree, 3.7'



The Harrison monument was set in place of a wood corner post found. A BCS record of October 4-5, 1870 states, with respect to this corner, "Reestablished from trees & stake, set a rock 9.8 by 7 in +." No recent BCS tie cards were found referencing this corner.

Excavation was performed at this corner on March 8, 2018. Prior to excavation, an ancient wood corner post was found at the intersection of fences to the north, east and west. Excavation around the post revealed stones found at the north, east and west sides of the post. All of the stones were larger than the rock described in the 1870 record. Several other rocks were found in the general vicinity of the post, two of which were of dimensions similar to, but not exactly corresponding to, the 1870 record. The stones found at the east and west sides of the post were removed to enable further probing and excavation but the record stone was not found. The stone at the north edge of the post was found to be at least 18 inches tall by 18 inches E-W by 12 inches N-S. The south edge of the stone was vertical. The stone appeared to be acting more as a substantial brace for the post than as a cornerstone. With no stones found which could be positively identified as marking the corner, the actual corner post was accepted as marking the corner. The position of the post fits well with the relative positions of proximate corners and represents the best available evidence of the corner. The post, as found, was rotted off at ground level and was suspended vertically as supported by the attached wire and wood braces. For the purposes of establishing a monument, the west brace was removed, the E-W wire on the south side of the post was detached, and the post was shifted approximately 1 foot to the east. The post was left standing vertically, as supported by the wood brace and wire fence to the north. A Harrison monument was set in the position of the center of the post, as originally found. The subterranean concrete portion of the monument is anchored to the substantial rock with the vertical south edge immediately to the north of the corner.



Kenneth E. Hedge
 Kenneth E. Hedge, County Surveyor

James S. Swift
 James S. Swift, IN LS 20200054
 March 14, 2018

Marion Township

Section 23 T20N, R2E	Section 24 T20N, R2E
Section 26 T20N, R2E	Section 25 T20N, R2E

SECTION CORNER RECORD

NE 800-1150

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1789543.82 East: 3185208.06 (U.S. survey feet)

Type of monument: Brass plug in monument box, INDOT type B

Depth: Flush with adjacent road surface

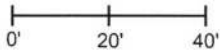
Indiana tie card references:

IN02_T20NR2E24_76

IN02_T20NR2E25_04

CORNER WITNESS DETAIL

SCALE 1" = 40'

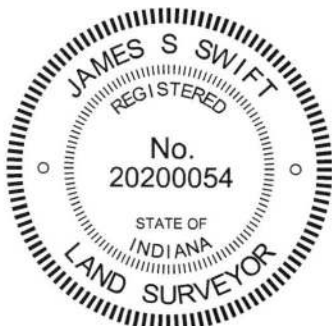
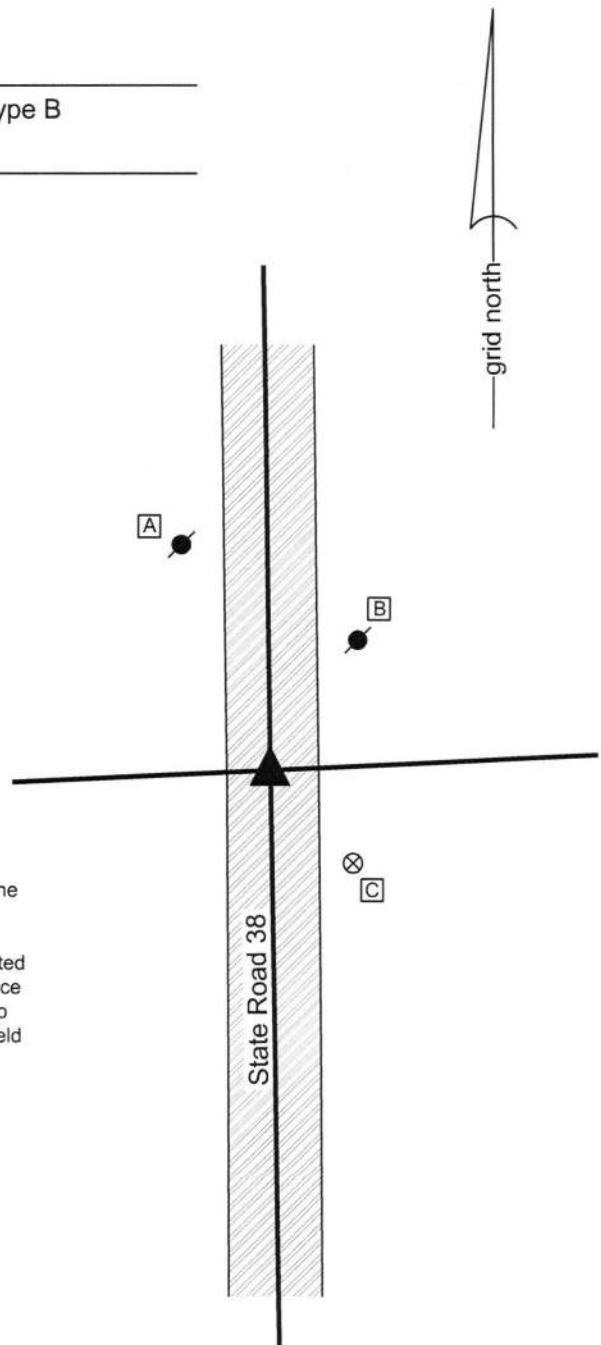


- A - Mag nail set in E. side power pole, 2' a.g., 49.8'
- B - Mag nail set in W. side power pole, 2' a.g., 31.8'
- C - Boone County witness mark, flush, 25.8'


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

The INDOT Type B monument was found in place.

A BCS tie card dated June 20, 1991 shows the corner as a railroad spike in the center of State Road 38 and notes that the spike is in line with a fence to the west. The spike has been replaced with a Type B monument in the same position by INDOT. Excavation was not performed at this corner, as it is located within an Indiana state highway. The Type B monument fits with local evidence in the form of the center of S.R. 38 to the north and south, the former fence to the west, and patterns of occupation to the east. The Type B monument is held as marking the corner.




Kenneth E. Hedge, County Surveyor


James S. Swift, IN LS 20200054
March 23, 2017

Marion
Township

Section 24
T20N, R2E

Section 25
T20N, R2E