

SECTION CORNER RECORD

BOONE COUNTY SURVEYOR'S OFFICE

NW 200-150

State Plane grid coordinates NAD83 (2011):

North: 1756168.93 East: 3116855.80 (U.S. survey feet)

Type of monument: INDOT Type C - brass plug in concrete

Depth: flush with adjacent ground

Indiana tie card references:

IN02_T19NR1W23_76 IN02_T19NR1W26_04

CORNER WITNESS DETAIL

SCALE 1" = 100'

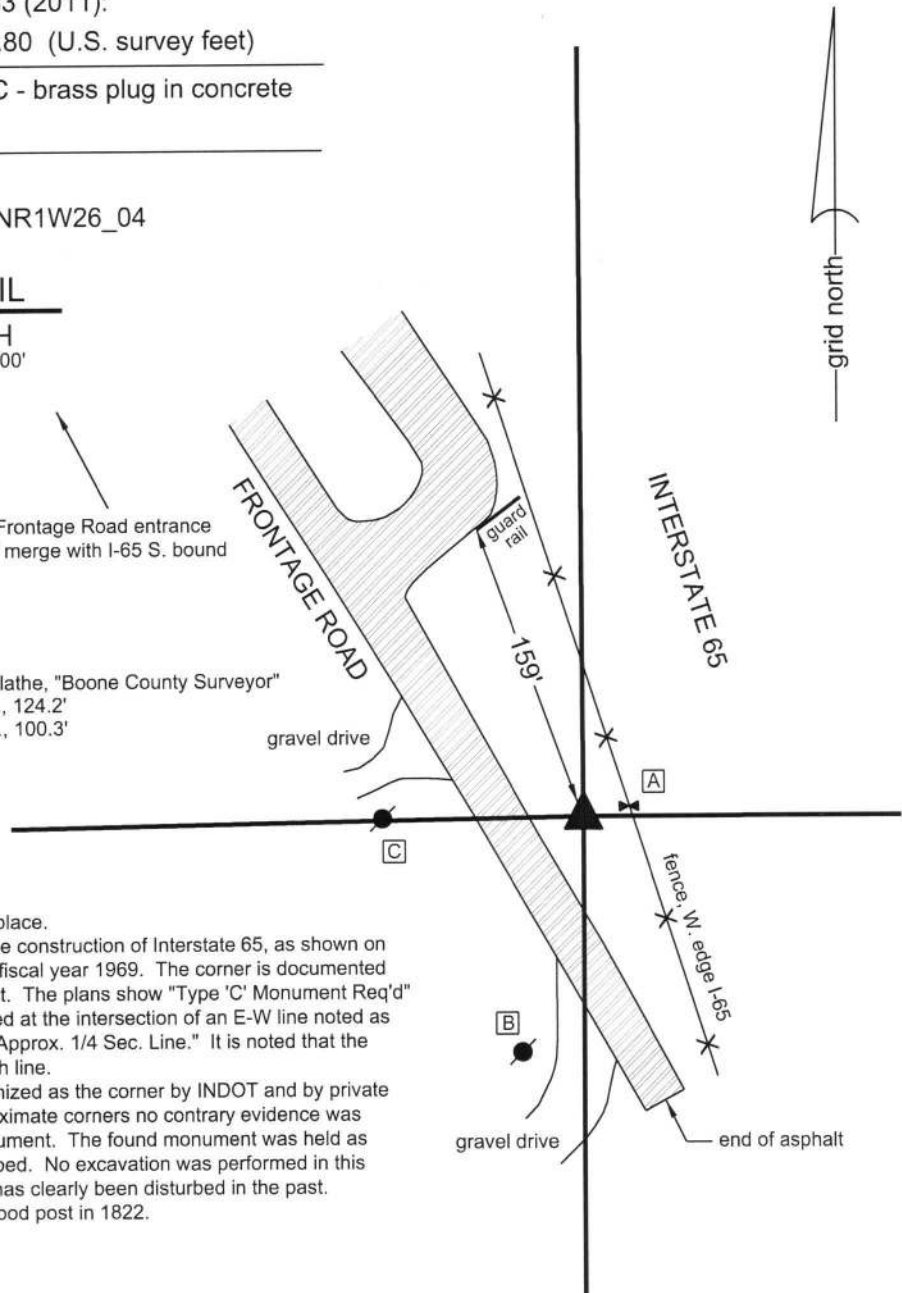
Access corner via Frontage Road entrance on U.S. 52 north of merge with I-65 S. bound

A - W. edge, steel t-post, 24.3'

Post is witnessed with orange fiberglass lathe, "Boone County Surveyor"

B - Mag nail set in E. side power pole, 2' a.g., 124.2'

C - Mag nail set in E. side power pole, 2' a.g., 100.3'

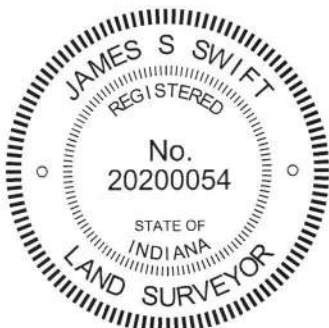


The INDOT Type C monument was found in place.

This monument was set in association with the construction of Interstate 65, as shown on the plans for that road, Project 65-5(35) 140, fiscal year 1969. The corner is documented on page 15 of 202 of the plans for said project. The plans show "Type 'C' Monument Req'd" at station 78+86, 153.56 LT, graphically placed at the intersection of an E-W line noted as "Sec. Line." and a north-south line noted as "Approx. 1/4 Sec. Line." It is noted that the plans show fencing in-line with the north-south line.

The monument is known to have been recognized as the corner by INDOT and by private surveyors for many years. It fits well with proximate corners no contrary evidence was found which disputes the position of the monument. The found monument was held as marking the corner and left in place, undisturbed. No excavation was performed in this area, as the immediate vicinity of the corner has clearly been disturbed in the past.

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

October 11, 2017

Center Twp

Section 23
 T19N, R1W

Section 26
 T19N, R1W

SECTION CORNER RECORD

NW 200-200

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1756124.54 East: 3114220.42 (U.S. survey feet)

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

Depth: Two inches above adjacent ground

Indiana tie card references:

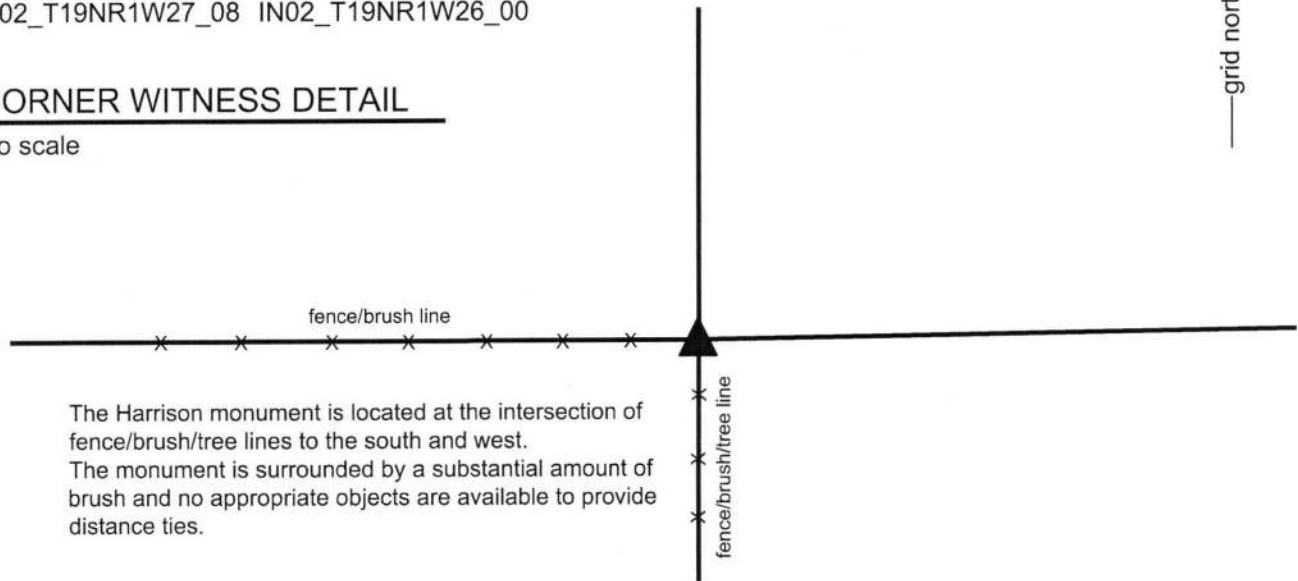
IN02_T19NR1W22_80 IN02_T19NR1W23_72

IN02_T19NR1W27_08 IN02_T19NR1W26_00



CORNER WITNESS DETAIL

No scale



The Harrison monument is located at the intersection of fence/brush/tree lines to the south and west. The monument is surrounded by a substantial amount of brush and no appropriate objects are available to provide distance ties.

The Harrison monument was set over a stone found.

A BCS record dated June 19-20, 1882 states, with respect to this corner, "Section Corner to 26, 27, 22, 23 reestablished from O.B.Trees, stumps yet there, and set rock 16x16x14."

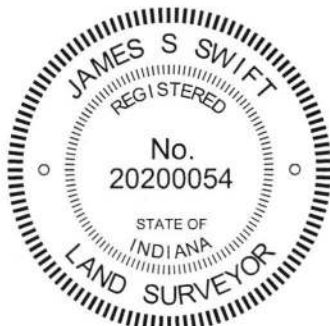
No recent BCS tie cards were found referencing this corner.

This corner was excavated and monumented on October 20, 2017. Prior to excavation a 5/8 inch rebar was found in the immediate vicinity of the corner. The rebar appeared to be substantially disturbed, leaning towards the north. No corner post was observed, but the position of the rebar fit well with the prolongation of standing fences to the south and west, as previously located. Excavation revealed a large stone found immediately east of the rebar. Most of the stone was exposed and the stone was determined to be 16 inches E-W by 8 inches N-S by 16 inches tall. The full height was measured on the south side. The stone had a distinct E-W ridge across the top with a discernable high point in the approximate center of the ridge.

The stone fit the characteristics of a corner stone, standing upright, oriented in cardinal directions and with an evident high point and it appeared in the field to have been purposely set to mark the corner. No specific markings were found on the stone, nor were any noted in the record. The dimensions of the stone matched two of the dimensions from the 1882 record, being 16 inches E-W by 16 inches tall. It is not known why the third dimension did not match the record. It is noted that in the discovery of other stones marking corners throughout the county, other instances have been noted wherein the found stone matched two of the three dimensions reported. No explanation is offered for this other than perhaps a scrivener's error in creating the record. All other characteristics of the stone indicated that it was intended to mark the corner and it was accepted as the best evidence of the original position of the corner. The rebar had been situated against the west end of the stone.

The stone was left in place. Most of the stone was encased in concrete and a Harrison monument was set directly above the high point of the E-W ridge across the top of the stone.

This corner was originally established as a wood post in 1829.



Kenneth E. Hedge, County Surveyor

James S. Swift, IN LS 20200054
November 7, 2017

Center Township

Section 22 T19N, R1W	Section 23 T19N, R1W
Section 27 T19N, R1W	Section 26 T19N, R1W

SECTION CORNER RECORD

NW 250-200

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):

North: 1758777.24 East: 3114222.50 (U.S. survey feet)

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

Depth: One inch below adjacent road surface

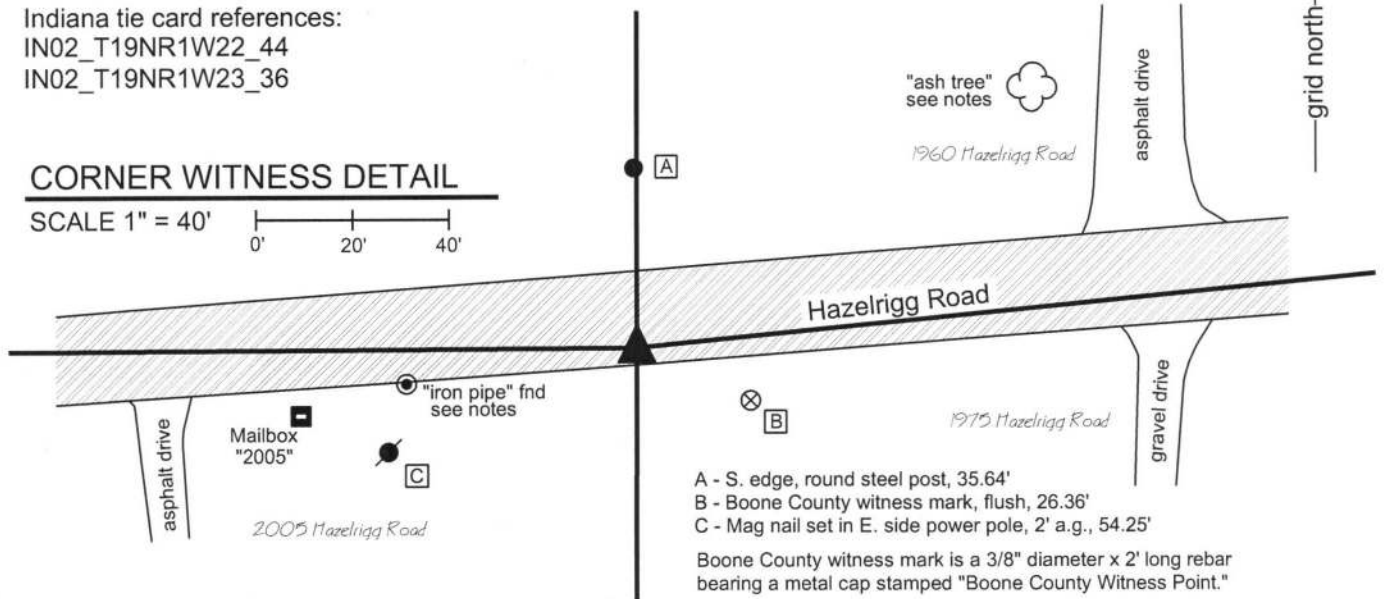
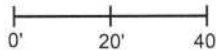
Indiana tie card references:

IN02_T19NR1W22_44

IN02_T19NR1W23_36

CORNER WITNESS DETAIL

SCALE 1" = 40'



- A - S. edge, round steel post, 35.64'
- B - Boone County witness mark, flush, 26.36'
- C - Mag nail set in E. side power pole, 2' a.g., 54.25'

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

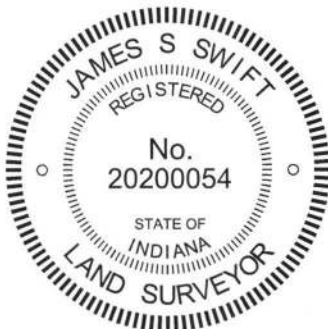
The harrison monument was set over a stone found.

A BCS record of September 14-17, 1857 states "Reest'd. Set Rock 5x22." A BCS record of October 12, 1912 states, with respect to this corner, "Taken out by contractors grading road, and replaced in same point. June 5, 1886." It is not clear from the record how the two dates, 10/12/1912 and 6/5/1886 relate to the actions described. It is also not clear that the same object which was taken out was replaced. It is only stated that it was replaced at the same point.

This corner was excavated on August 12, 2010. Prior to excavation, significant confusion appeared to exist with respect to the location of this corner. The deeds for the parcels on the south side of Hazelrigg Road contain various references for ties to the land section, including references to a wooden headpost at the southeast corner of section 22, an iron bar at the southeast corner of section 22, a tie to the "intersection of the west line of section 23 with the East-West centerline of said Section 23" and a references to an "iron pipe pin, set for the east quarter section corner of said Section 22..." The last quote is taken directly from Instrument 9810158 in the Office of the Boone County Recorder. The description contains a bearing/distance tie for the "iron pipe pin" to a 36 inch Ash tree. Both the tree and the iron pipe were found. With the exception of the specific call for the iron pipe pin, the descriptions of the parcels on the south side of the road indicate that the surveyors who created those descriptions did not know the specific location the east quarter corner of section 22.

Investigation of evidence of the section line to the north of Hazelrigg Road yields much more clarity of the location of the section line. Sections of an ancient north-south fence were found in the woods approximately 1500 feet north of the corner. The parcel for the INDOT garages on US 52 is clearly fenced with newer chain link type fence. The westerly of the fences is slightly east of old fence. The easterly of these fences is at 400 feet east of the line defined by the remnants of fence, which is the record east-west dimension for the INDOT parcel. A steel post on the north side of Hazelrigg Road appears to be the easterly edge of an old gate for the entrance to the property immediately northwest of the corner. Holding the stone found at the corner to the north (see NW-300-200) and extending the line to the south through the remnants of ancient fence, the line appears to fit well with INDOT parcel and the parcels on the north side of the road. Excavation was performed in Hazelrigg Road at the point where this N-S line intersects a line defined by the easterly extension of the approximate center of Hazelrigg Road as it exists at the center of section 22 and for approximately 1000 feet east, prior to angling to the south. No metal monumentation was found at this point prior to excavation. Excavation revealed a stone found embedded in the clay layer below the road near the estimated position of the corner. The stone is at 26 inches deep and is 8 inches N-S by 7 inches E-W by 4 1/2 inches tall. The stone, being embedded in the clay layer below the road and oriented in cardinal directions, fits with characteristics of other stones found marking section corners throughout the county. It does not match the description of "5x22" called for in the 1857 record, but it is noted that that particular stone was found to have been displaced in 1886 or 1912 and it is not clear that the same stone was replaced. The found stone fits well with evidence of the line to the north in the form of the steel post on the north edge of the road, the ancient fence at 1500 feet north and the INDOT fences. It fits well with evidence to the west in the form of the center of Hazelrigg Road as it exists west of the point where it bends to the south. The stone was held as marking the corner and left in place. The harrison monument was set directly over the top, center of the stone.

It is noted that the "iron pipe pin" called for in Instrument 9810158 is located 7 feet south and 48 feet west of the corner marked by the stone. Aside from the deed call for this object to be marking the corner, no other evidence was found to support this position as the corner. It does not fit with any of the evidence to the north and no evidence was found with which it does fit, except the deed descriptions specifically called from it. Holding this point as the corner would cause significant disruptions of the occupied lines to the north, especially with respect to the well established fencing around the INDOT garage on U.S. 52. The "iron pipe pin" is considered erroneous as a position for the corner.



Kenneth E. Hedge
 Kenneth E. Hedge, County Surveyor

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

March 30, 2012, Revised April 30, 2012

Center Township

Section 22 T19N, R1W	▲	Section 23 T19N, R1W
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SECTION CORNER RECORD

BOONE COUNTY SURVEYOR'S OFFICE

NW 300-200RSV
 Angle Point on the
 Indian Treaty Line

State Plane grid coordinates NAD83 (2011):

North: 1761480.48 East: 3115031.22 (U.S. survey feet)

Type of monument: Harrison, 4" disk 'Treaty Line'

Depth: flush with adjacent road surface

Indiana tie card references:

IN02_T19NR1W14_73 IN02_T19NR1W23_01

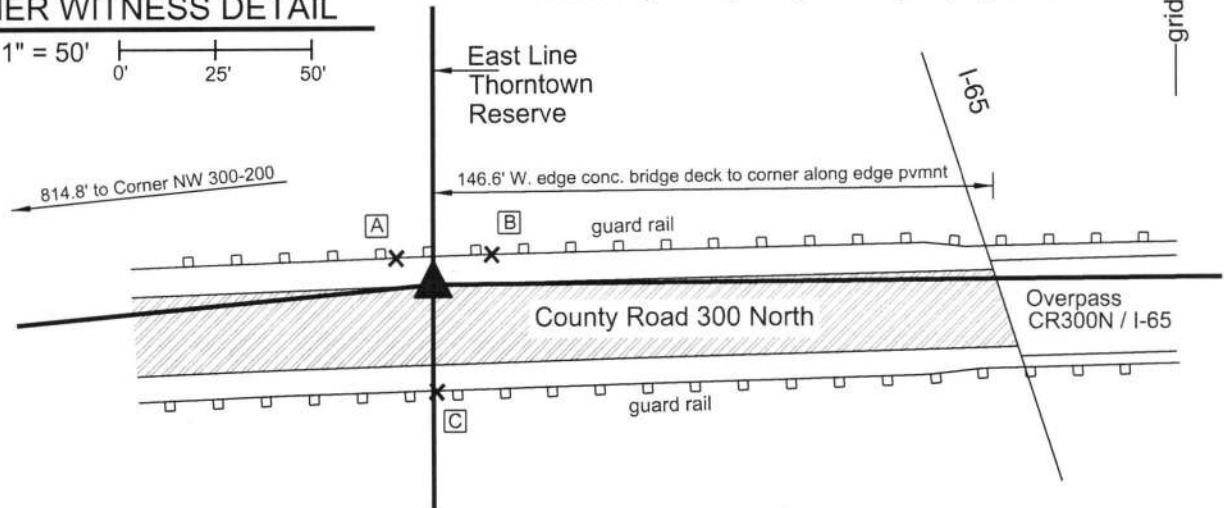
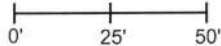
Note: the Indiana tie card reference number system does not account for treaty line corners. The above numbers represent the closest integer to the actual position of the corner.

- A - Chisel mark in the top of guard rail post, 11.9'
- B - Chisel mark in the top of guard rail post, 17.4'
- C - Chisel mark in the top of guard rail post, 27.6'

Note: the monument is at the north edge of pavement witnessed by an orange fiberglass lathe (BCS) in guard rail

CORNER WITNESS DETAIL

SCALE 1" = 50'



The Harrison monument was set at a calculated position.

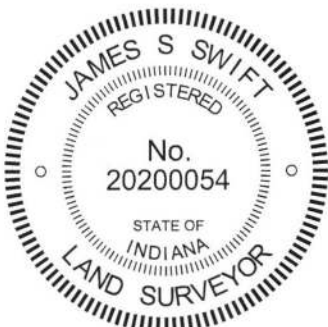
This corner is an original federal corner, set on the east line of the Thorntown Reserve in 1822. The adjoining sections to the east were laid out as part of the same survey which established this corner. The adjoining sections to the west were laid out in 1829. Inconsistencies in the two surveys resulted in a misalignment of the east-west section lines on the respective sides of the treaty line, which caused a significant bend in the north line of the northwest quarter of section 23 at the point where it crosses the treaty line. The angle point was set as part of the original survey and should be held as defining the section lines to the east and west and the treaty line to the north and south.

The distance between the angle point and the northwest corner of section 23 (see corner NW 300-200) was reported in the federal notes of 1829 as being 12.38 chains (817.08 feet). A BCS record of September 14-17, 1857 reported the distance as 12.39 chains (817.74 feet).

The plans for the overpass of County Road 300 North over Interstate 65 were provided by INDOT along with original field notes from the survey from which the plans were made. The Thorntown Reserve line is shown on sheet 24 of 202 on the plan set I-65-5(35) 140, fiscal year 1969. The plans and the field notes show a fence on that portion of the reserve line south of the road at STA 47+37.5, Lines S-2-A. The east-west position of the angle point was determined with respect to the plans, established from the found P.I. monuments at Station 45+85.69 and 54+04.1. The two monuments were found to be 1.1 feet further apart than the difference in stations and the position of STA 47+37.5 was scaled to fit the positions of the found monuments. The north-south position of the angle point was determined by extending the line connecting a bolt commonly accepted as marking the north quarter corner of section 23 and the monument found at P.I. STA 54+04.1.

The distance measured between the angle point and the northwest corner of Section 23 is 814.8 feet, approximately 3 feet less than the distance reported on the 1857 survey. Hence, uncertainties of 3 feet may be attributed to the location of the corner with respect to that record and uncertainties of 1 foot may be attributed to the location of the corner with respect to the aforementioned INDOT plans. A short section of relatively new fence was found near the treaty line, south of the road. This fence falls between 1 and 3 feet east of the approximate treaty line.

No excavation was performed, as this corner falls in an area of significant fill on the approach to the overpass of County Road 300 North over I-65.



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 Kenneth E. Hedge, County Surveyor

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

October 11, 2017

Center
 Township

