

SECTION CORNER RECORD

BOONE COUNTY SURVEYOR'S OFFICE

NW 700-600

State Plane grid coordinates NAD83 (2011):

Corner 1: North: 1782631.81 East: 3093109.89 (U.S. survey feet)

Corner 2: North: 1782616.01 East: 3093109.93 (U.S. survey feet)

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

Depth: 4 inches deep (Corner 1) 1 inch above ground (Corner 2)

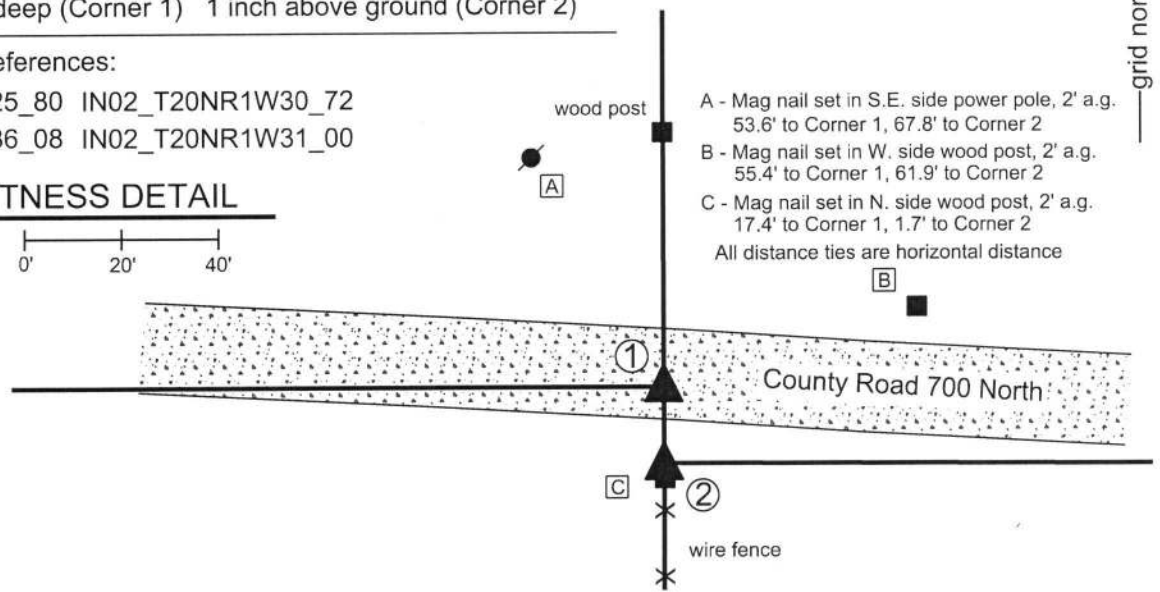
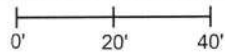
Indiana tie card references:

IN02_T20NR2W25_80 IN02_T20NR1W30_72

IN02_T20NR2W36_08 IN02_T20NR1W31_00

CORNER WITNESS DETAIL

SCALE 1" = 40'



① S.E. Corner, Section 25
N.E. Corner, Section 36
T 20 N, R 2 W

② S.W. Corner, Section 30
N.W. Corner, Section 31
T 20 N, R 1 W

Distance between monuments: 15.8'
Federal closing dist. 27 links (17.82')

A - Mag nail set in S.E. side power pole, 2' a.g.
53.6' to Corner 1, 67.8' to Corner 2

B - Mag nail set in W. side wood post, 2' a.g.
55.4' to Corner 1, 61.9' to Corner 2

C - Mag nail set in N. side wood post, 2' a.g.
17.4' to Corner 1, 1.7' to Corner 2

All distance ties are horizontal distance

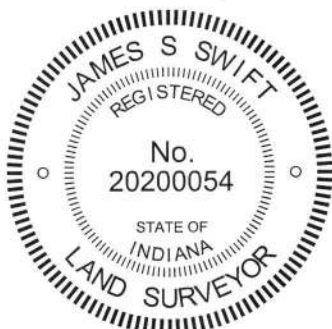
The Harrison monument at Corner 1 was set in place of a stone found. The Harrison monument at Corner 2 was set in place of a stone known to formerly mark the corner.

No specific descriptions of Corner 1 were found in the BCS Surveyor's Record beyond the original establishment of the corner as a wood post in 1819. Corner 2 is described in a record of March 10, 1906 which states, 'Found Rock.' This entry also includes distances, in feet, to the adjacent corner 1/4 mile south. The original federal closing distance on the range line, reported in 1829 is 27 links south, or 17.82 feet. No recent BCS tie cards were found referencing the corner. Corner 2 is shown as being a stone on a survey by Cary B. Dodge, LS #S0288, recorded in Survey Book 1, pages 11-12 and on a survey by Jerry L. Carter, LS #S0350, recorded in Survey Book 11, page 64, both in the Recorder's Office of Boone County. Corner 2 is shown as a rebar on a survey by Jonathon E. Hause, LS 20600040, recorded in Survey Book 18, pages 86-87. This stone was found and located in 2010. The rebar was found in 2018, in approximately the same position as the stone. The stone was not observed to be present in 2018. Corner 2 is also called as a stone in the deed for the adjoining property to the north, Slipher, Instrument 200600013687. The Slipher deed describes Corner 1 as being 17.82 feet north of the stone at Corner 2. The found stone/rebar at Corner 2 work with monuments found marking corners of the Slipher parcel. The 1923 plans for US 52, called Lafayette Pike, do not provide reliable information about the position of the corners or the line between sections 30 and 31, as they cross the highway.

It is noted that County Road 700 North does not line up well with the section lines in this vicinity. Most deeds for land east of U.S. 52 call for the section line to be along or near the north right-of-way line, which works with the stone found at Corner 2 and a stone found at the north quarter corner of section 31 (see BCS Corner NW 700-550). Excavation on March 15, 2019 revealed a stone found at 10 inches deep, at the bottom of the road bed of County Road 700 North, 15.8 feet north of the rebar ostensibly marking Corner 2. This stone measured 8 inches N-S by 10 inches E-W by 8 inches tall. With respect to the evidence of the County Road 700 North, the stone appeared in the field as if it could be either corner. However, the stone (now rebar) at Corner 2 is substantiated as the corner not only by the numerous deeds and surveys which are tied to it, but also by a distance reference in the 1906 BCS record which calls the corner as being 1322-1/2 feet north of Corner "h" of section 31. The distance between the stone/rebar and a post found providing evidence of Corner "h" was measured to be 1322.9 feet. Hence, it is accepted that the stone at Corner 2 held as the corner by modern surveyors was also held as the corner by the Boone County Surveyor in 1906. The stone found in the road bed was accepted as marking Corner 1 and was replaced with a Harrison monument on April 1, 2019. The stone, now rebar, on the south edge of the road was accepted as providing reliable evidence of Corner 2. Approximately one-half foot of uncertainty is associated with the various calls for the stone and rebar. The north-south position of the rebar was held for Corner 2 but the Harrison monument was set on the range line, defined by the stone at Corner 1 and a nail providing evidence of the corner 1/2 mile south. This position is 0.2 foot west of the rebar and within the extent of uncertainty of the position of the stone. Corner 2 was monumented on April 10, 2019.

Sugar Creek Township Washington Township

Section 25 T20N, R2W	Section 30 T20N, R1W
Section 36 T20N, R2W	Section 31 T20N, R1W



Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

James S. Swift
James S. Swift, IN LS 20200054
April 24, 2019

SECTION CORNER RECORD

BOONE COUNTY SURVEYOR'S OFFICE

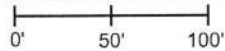
NW 750-550

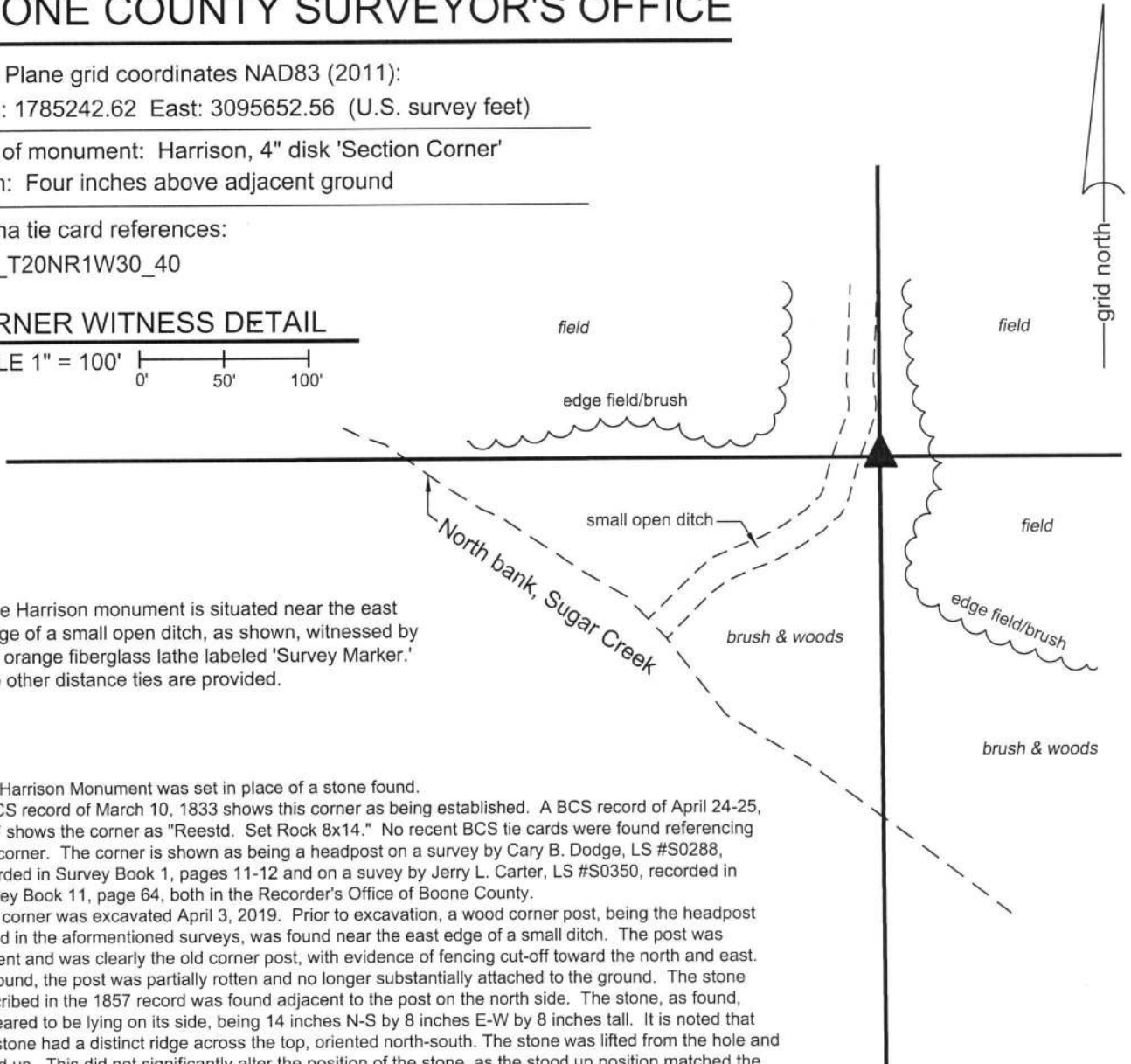
State Plane grid coordinates NAD83 (2011):
 North: 1785242.62 East: 3095652.56 (U.S. survey feet)

Type of monument: Harrison, 4" disk 'Section Corner'
 Depth: Four inches above adjacent ground

Indiana tie card references:
 IN02_T20NR1W30_40

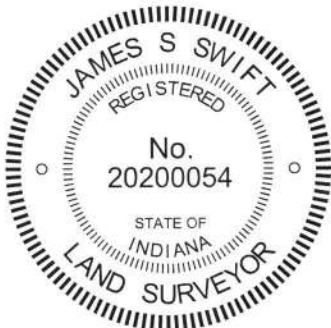
CORNER WITNESS DETAIL

SCALE 1" = 100' 




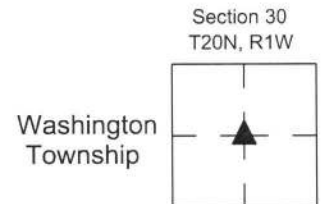
The Harrison monument is situated near the east edge of a small open ditch, as shown, witnessed by an orange fiberglass lathe labeled 'Survey Marker.' No other distance ties are provided.

The Harrison Monument was set in place of a stone found. A BCS record of March 10, 1833 shows this corner as being established. A BCS record of April 24-25, 1857 shows the corner as "Reestd. Set Rock 8x14." No recent BCS tie cards were found referencing this corner. The corner is shown as being a headpost on a survey by Cary B. Dodge, LS #S0288, recorded in Survey Book 1, pages 11-12 and on a survey by Jerry L. Carter, LS #S0350, recorded in Survey Book 11, page 64, both in the Recorder's Office of Boone County. This corner was excavated April 3, 2019. Prior to excavation, a wood corner post, being the headpost called in the aforementioned surveys, was found near the east edge of a small ditch. The post was ancient and was clearly the old corner post, with evidence of fencing cut-off toward the north and east. As found, the post was partially rotten and no longer substantially attached to the ground. The stone described in the 1857 record was found adjacent to the post on the north side. The stone, as found, appeared to be lying on its side, being 14 inches N-S by 8 inches E-W by 8 inches tall. It is noted that the stone had a distinct ridge across the top, oriented north-south. The stone was lifted from the hole and stood up. This did not significantly alter the position of the stone, as the stood up position matched the position of center, high point of the north-south ridge, as originally found. The stone was removed from the ground on April 9, 2019 and replaced with a Harrison monument in the same position. It is noted that in establishing the monument, the ancient headpost fell over. A 5/8 inch rebar was found approximately 1 foot east of the post. The rebar was left in place, 1.3 feet south and 1.2 feet east of the Harrison monument. This corner is not an original federal corner and appears to have been established for the first time by the Boone County Surveyor in 1833.




 Kenneth E. Hedge, County Surveyor


 James S. Swift, IN LS 20200054
 April 24, 2019



SECTION CORNER RECORD

BOONE COUNTY SURVEYOR'S OFFICE

NW 750-600

- ① East Quarter Corner
Section 25
T 20 N, R 2 W
- ② West Quarter Corner
Section 30
T 20 N, R 1 W

Distance between monuments: 29.6'

State Plane grid coordinates NAD83 (2011):

Corner 1: North: 1785279.38 East: 3093103.13 (U.S. survey feet)

Corner 2: North: 1785239.80 East: 3093103.23 (U.S. survey feet)

Type of monument: 36" long 5/8" rebar with metal cap 'Boone County Surveyor'
Depth: 2 inches up (Corner 1), flush (Corner 2)

Indiana tie card references:

IN02_T20NR2W25_44

IN02_T20NR1W30_36

CORNER WITNESS DETAIL

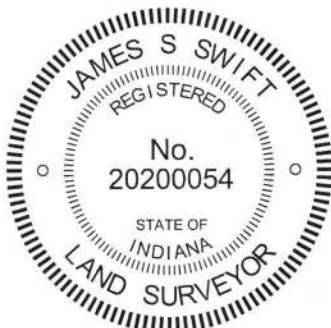
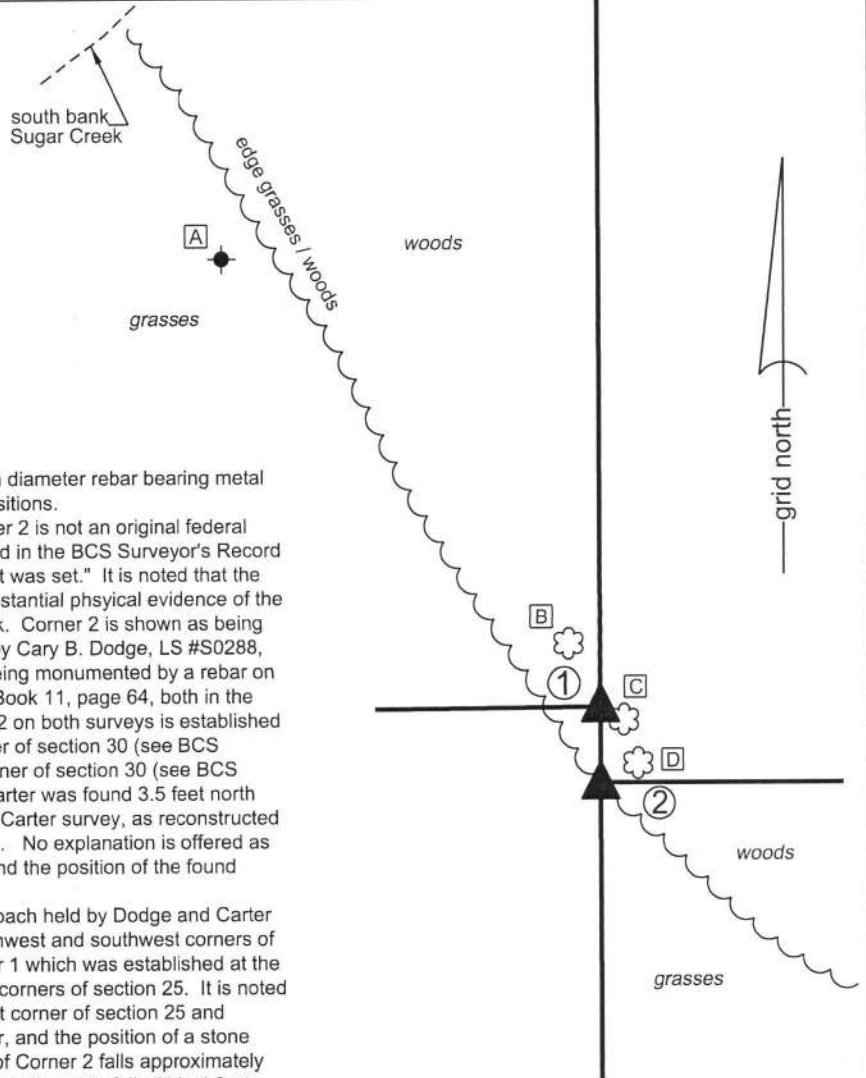
SCALE 1" = 100'

- A - Plastic Petroleum Pipeline Marker, 4' tall
304.4' to Corner 1, 345.7' to Corner 2
- B - S. edge, 18" diam. hackberry tree @ 2' a.g.
32.9' to Corner 1, 69.4' to Corner 2
- C - W. edge, 18" diam. hackberry tree @ 2' a.g.
5.8' to Corner 1, 34.7' to Corner 2
- D - W. edge, 27" diam. hackberry tree @ 2' a.g.
35.1' to Corner 1, 15.0' to Corner 2

Both corners are monumented by 36 inch lengths of 5/8 inch diameter rebar bearing metal caps stamped 'Boone County Surveyor' set at calculated positions. Corner 1 was originally set on the range line in 1819. Corner 2 is not an original federal corner. No specific descriptions of these corners were found in the BCS Surveyor's Record other than an 1878 entry which notes Corner 2 as "Rock that was set." It is noted that the corners fall in the immediate vicinity of Sugar Creek and substantial physical evidence of the section lines was not found, due to the proximity of the creek. Corner 2 is shown as being established, but not necessarily monumented, on a survey by Cary B. Dodge, LS #S0288, recorded in Survey Book 1, pages 11-12 and is shown as being monumented by a rebar on a survey by Jerry L. Carter, LS #S0350, recorded in Survey Book 11, page 64, both in the Recorder's Office of Boone County. The position of Corner 2 on both surveys is established as a midpoint between a stone found at the southwest corner of section 30 (see BCS Corner NW 700-600) and a rebar found at the northwest corner of section 30 (see BCS Corner NW 800-600). A rebar bearing the cap of Jerry L. Carter was found 3.5 feet north and 3.1 feet east of the position shown as the corner on the Carter survey, as reconstructed relative to other monuments found and shown on the survey. No explanation is offered as to the variation between the position shown on the survey and the position of the found rebar.

Given the lack of physical evidence of the corners, the approach held by Dodge and Carter of establishing Corner 2 at the midpoint connecting the northwest and southwest corners of section 30 was held. This theory was also applied to Corner 1 which was established at the midpoint of the line connecting the northeast and southeast corners of section 25. It is noted that, due to variations between the positions of the northeast corner of section 25 and northwest corner of section 30, as held by Dodge and Carter, and the position of a stone found in 2016 (see BCS Corner NW 800-600), the position of Corner 2 falls approximately 2.5 feet east of the Dodge / Carter theoretical position, but is believed to fall within 1 foot north-south of this position. It is noted that a very short section of wire was found between the corners. The wire was wrapped around the trunk of a tree and did not appear to be part of a fence or represent evidence of the corners.

Both corners were monumented as noted above at the respective midpoints on April 10, 2019.



Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

James S. Swift
James S. Swift, IN LS 20200054
April 24, 2019

Sugar Creek Township	Washington Township
Section 25 T20N, R2W	Section 30 T20N, R1W

SECTION CORNER RECORD

NW 800-500

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):

North: 1787883.84 East: 3098276.56 (U.S. survey feet)

Type of monument: etched "+" on top of stone

Depth: One inch above adjacent ground


Indiana tie card references:

IN02_T20NR1W19_80 IN02_T20NR1W20_72

IN02_T20NR1W30_08 IN02_T20NR1W29_00

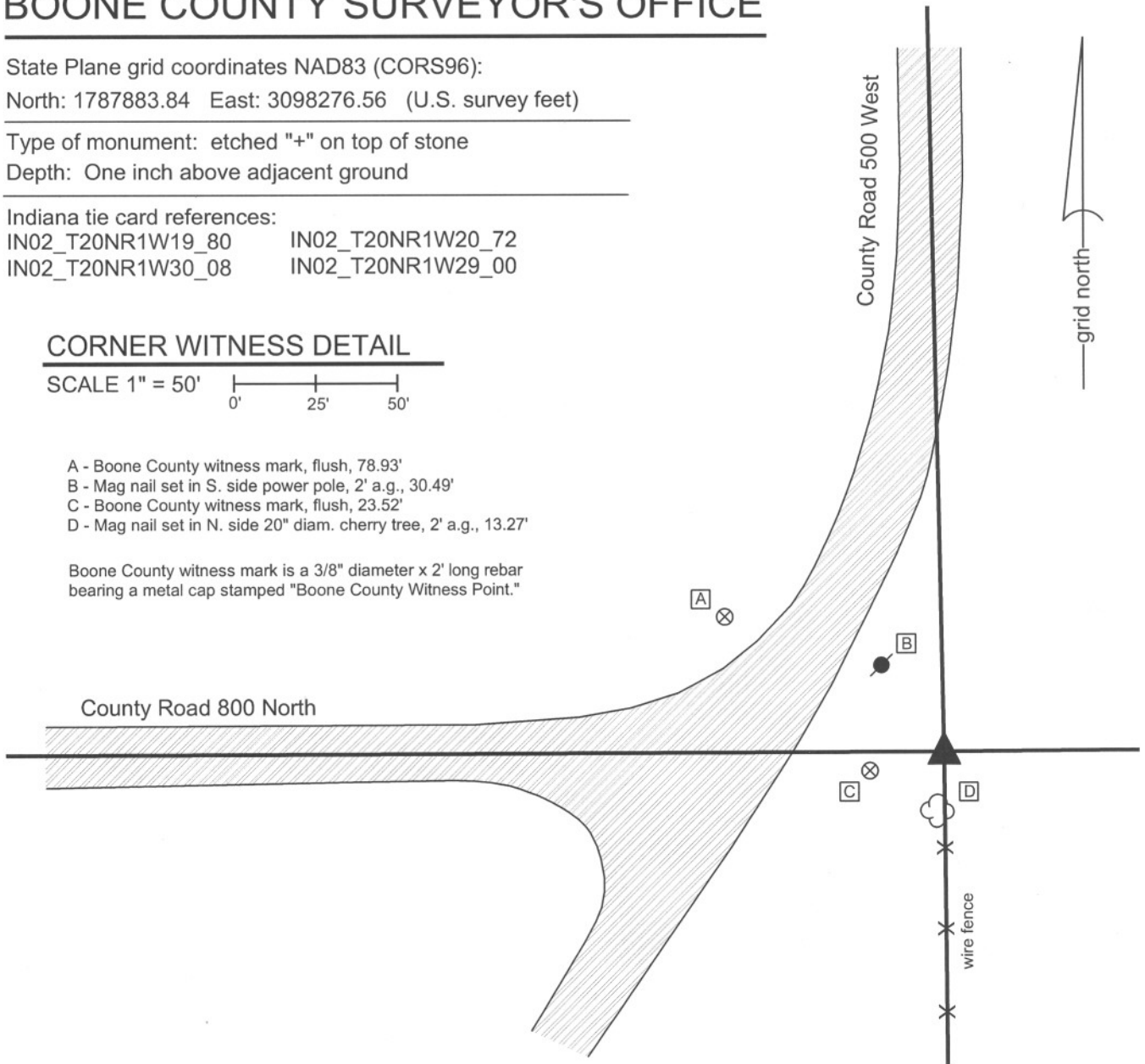
CORNER WITNESS DETAIL

SCALE 1" = 50'



- A - Boone County witness mark, flush, 78.93'
- B - Mag nail set in S. side power pole, 2' a.g., 30.49'
- C - Boone County witness mark, flush, 23.52'
- D - Mag nail set in N. side 20" diam. cherry tree, 2' a.g., 13.27'

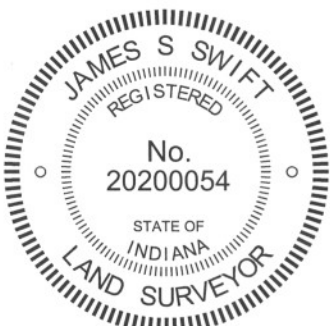
Boone County witness mark is a 3/8" diameter x 2' long rebar bearing a metal cap stamped "Boone County Witness Point."



The stone was found in place.

The corner is shown as present but not described on a BCS record of July 6, 1832. A BCS record of March 2, 1863 states "One bearing tree green: Stone at corner recognized by previous surveys and by the persons interested." A BCS tie card dated November 8, 1967 states "exposed stone with + beside corner post did not replace."

The stone is situated at the northwest corner of a wood end post. The post is the northerly terminus of an old fence to the south. The stone is at the easterly extension of the county road to the west and the southerly extension of the county road to the north and fits well with surrounding corners. The stone was accepted as marking the corner and was left in place as found.



Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

James S. Swift
James S. Swift, IN LS 20200054
March 30, 2012

Washington Township

Section 19 T20N, R1W	Section 20 T20N, R1W
Section 30 T20N, R1W	Section 29 T20N, R1W

PHOTOGRAPHIC DOCUMENTATION

Date of photography: May 5, 2010

The stone at the base of the post. View from the west.



View of the stone from above.



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

SECTION CORNER RECORD

NW 800-550

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (NSRS 2007):
North: 1787876.26 East: 3095633.64 (U.S. survey feet)

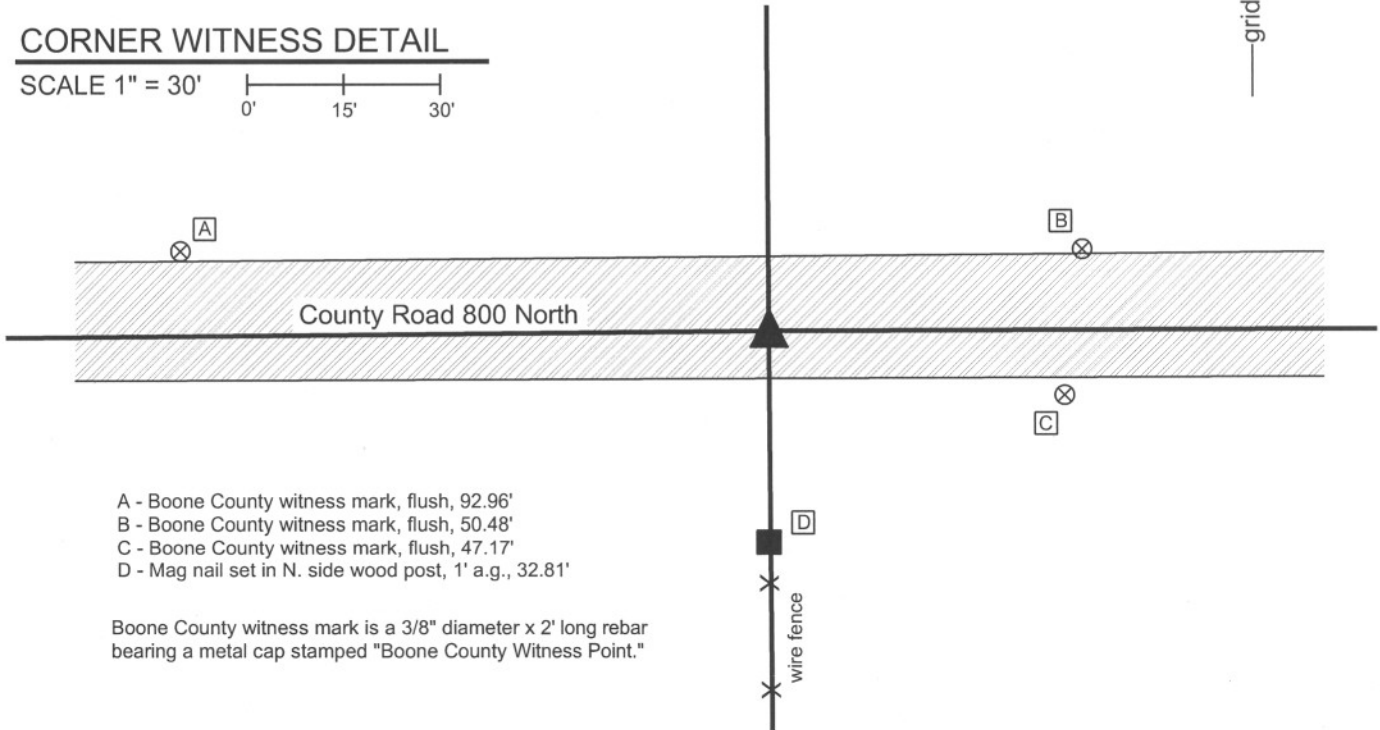
Type of monument: Harrison, 4" disk 'Section Corner'
Depth: One inch below adjacent road surface

Indiana tie card references:
IN02_T20NR1W19_76
IN02_T20NR1W30_04



CORNER WITNESS DETAIL

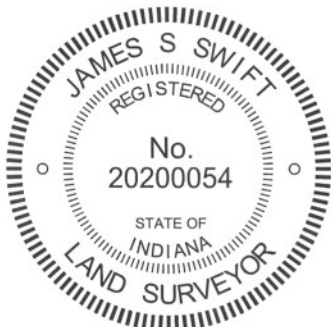
SCALE 1" = 30'
0' 15' 30'



- A - Boone County witness mark, flush, 92.96'
- B - Boone County witness mark, flush, 50.48'
- C - Boone County witness mark, flush, 47.17'
- D - Mag nail set in N. side wood post, 1' a.g., 32.81'

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

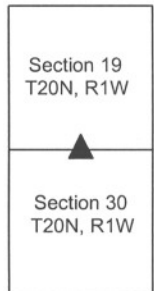
The harrison monument was set in place of a PK nail found. A BCS record of April 24-25, 1857 states "Set Rock 10x12." A BCS tie card dated November 8, 1967 states "no stone." This corner was excavated on May 20, 2010. Prior to excavation a PK nail was visible at the surface. Excavation revealed numerous medium sized rocks in fill material. None of the rocks appeared to have been purposely set as corner markers. They did not have the characteristics associated with most found corner stones of being oriented in cardinal directions and embedded in the clay layer below the road and, in some cases, being vertical. The rocks were haphazard in their orientation and were contained entirely within the fill material of the road. These rocks were not held as marking the corner. The stone described in the 1857 record was not found. An area extending 4 feet north, 2 feet south, 2.5 feet east and 2.5 feet west was excavated to the clay layer below the road, being at approximately 3 feet deep. The northwest edge of the excavation area contained a mixture of clay, dirt and fill material, which may be associated with the existing drain pipe to the east. The remainder of the hole contained a more uniform fill material which included the rocks discussed above. No other evidence was found. The source of the P.K. nail is not known. It fits with the local evidence, being in the east-west road at the northerly extension of an old fence to the south. It is slightly south of the center of the road but well within the roadway. It generally fits with the 1967 tie card, which shows the corner at the midpoint between end posts on each side of the road, approximately in the center of the road at the extension on fences to the north and south. The nail was held as marking the corner and replaced with a harrison monument in the same position.



Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

James S. Swift
James S. Swift, IN LS 20200054
March 30, 2012

Washington Township



SECTION CORNER RECORD

NW 800-600

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

Corner 1: North: 1787926.96 East: 3093096.37 (U.S. survey feet)

Corner 2: North: 1787863.30 East: 3093096.53 (U.S. survey feet)

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

Depth: Flush with adjacent ground

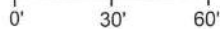
Indiana tie card references:

IN02_T20NR2W24_80 IN02_T20NR1W19_72

IN02_T20NR2W25_08 IN02_T20NR1W30_00

CORNER WITNESS DETAIL

SCALE 1" = 60'



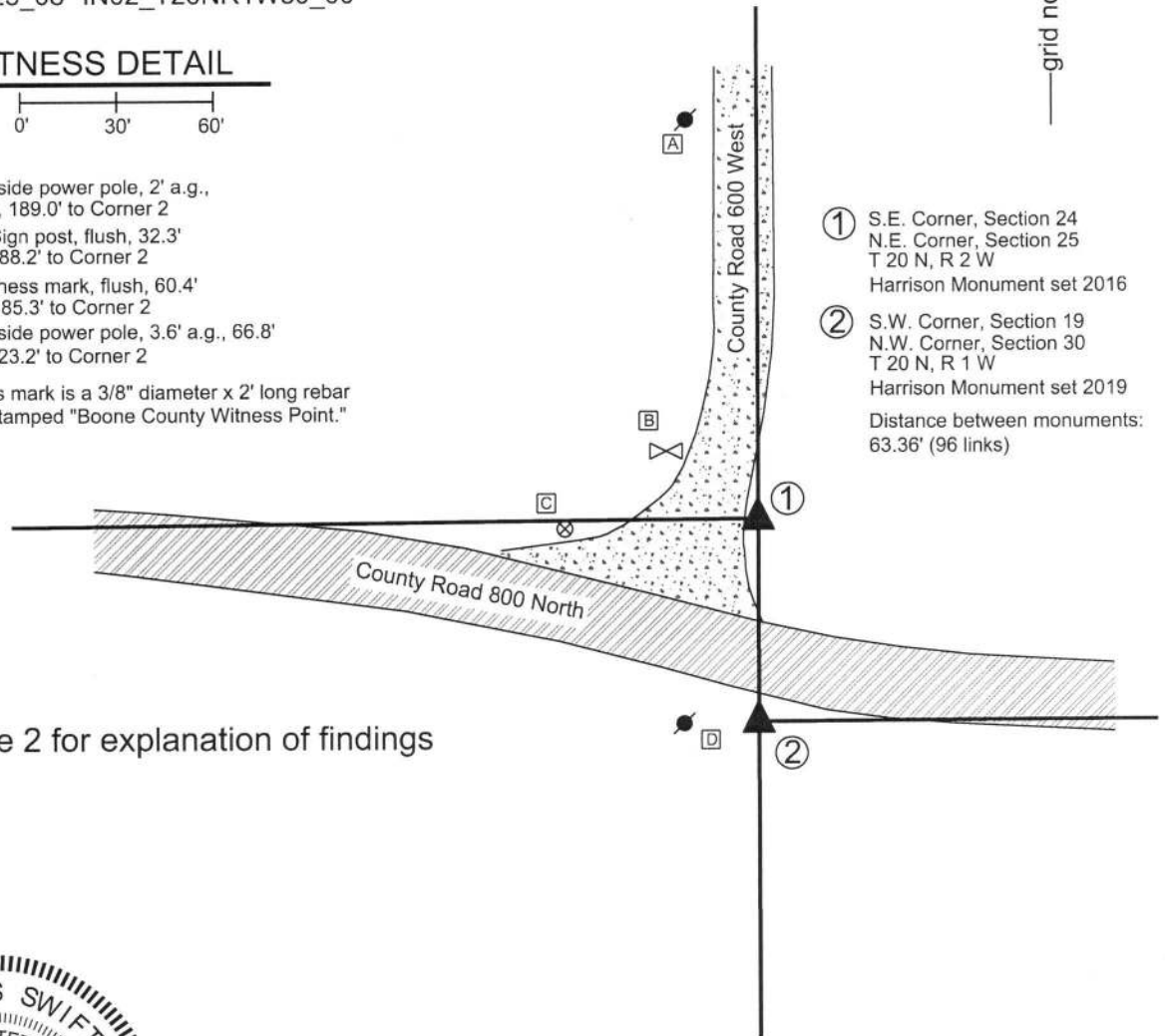
A - Mag nail set in E. side power pole, 2' a.g.,
126.2' to Corner 1, 189.0' to Corner 2

B - East Edge, Stop Sign post, flush, 32.3'
32.3' to Corner 1, 88.2' to Corner 2

C - Boone County witness mark, flush, 60.4'
60.4' to Corner 1, 85.3' to Corner 2

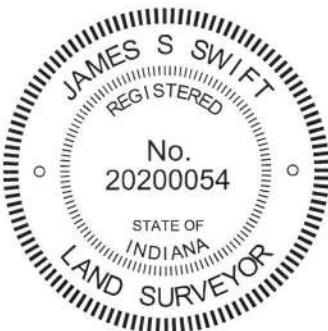
D - Mag nail set in N. side power pole, 3.6' a.g., 66.8'
66.8' to Corner 1, 23.2' to Corner 2

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



- ① S.E. Corner, Section 24
N.E. Corner, Section 25
T 20 N, R 2 W
Harrison Monument set 2016
 - ② S.W. Corner, Section 19
N.W. Corner, Section 30
T 20 N, R 1 W
Harrison Monument set 2019
- Distance between monuments:
63.36' (96 links)

See page 2 for explanation of findings



Sugar Creek Township Washington Township

Section 24 T20N, R2W	Section 19 T20N, R1W
Section 25 T20N, R2W	Section 30 T20N, R1W

Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

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

SECTION CORNER RECORD

BOONE COUNTY SURVEYOR'S OFFICE

NW 800-600

The Harrison monument at Corner 1 was set over a stone found.

A BCS record dated March 28-29, 1907 states, with respect to Corner 1, "Reestablished by locating 'A' sec. 30 R 1 W, and measuring lap. Set 2 rocks. Lower one 4-5-6 +. Top one 6-8-10 +." This statement is interpreted to indicate that the location of Corner 2 (Cor. A, sec. 30) was known and that Corner 1 (SE corner section 24 & NE corner section 25, R2W) was established at the record federal offset from the known corner. It is noted that the closing offset at this corner is 96 links south, equating to 63.36 feet. No modern BCS tie cards were found referencing this corner.

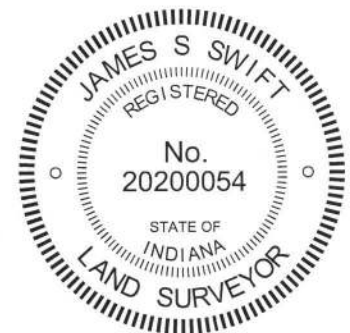
Excavation was performed at Corner 1 on April 13, 2016. Prior to excavation, a 5/8 inch diameter rebar with no cap was found ostensibly marking Corner 1 (sections 24 & 25) and a 5/8 inch diameter rebar with a yellow cap was found in the general vicinity of Corner 2 (sections 19 & 30), 59.2 feet south of the uncapped rebar. The source of these monuments is not known. Analysis of the relative positions the approximate centers of County Road 800 North to the east and west of the intersection, with respect to the closing distance of 96 links, indicated that the original positions of the corners were likely further north than the respective positions of the found monuments.

Excavation was performed exclusively at Corner 1, as Corner 2 falls at the edge of an existing drainage ditch on the south side of County Road 800 North. Excavation at Corner 1 revealed two stones found approximately 8 feet north and 5 feet east of the existing rebar ostensibly marking Corner 1. The top stone was found at 14 inches deep. The stone was found to be approximately 11 inches N-S by 8 inches E-W by 5 inches tall with a distinct "+" mark etched on the top. The stone was removed and another stone was found below. The lower stone measured approximately 7 inches N-S by 6 inches E-W. This stone also had a distinct "+" mark etched on the top. The height of the lower stone was not measured, as it was left in place, generally undisturbed at 20 inches deep. The two stones were found to match the record dimensions stated in the 1907 record within reasonable tolerance. With the similar measurements and the distinct, etched marks on both rocks, they were accepted being the monuments described in the 1907 record and were held as marking the corner. It is noted that these rocks were found to be significantly closer to the position for the corner as estimated prior to excavation than was the found rebar. The top stone was removed and the lower stone was left in place, undisturbed. A Harrison monument was set directly over the mark on the lower stone. Three rebars of 3/8 inch diameter by 20 inches in length were driven at slightly off vertical around the lower stone to provide for stability of the concrete base in which the Harrison monument was set. The precise position of the corner is 8.3 feet north and 5.1 feet east of the rebar found prior to, and removed during, excavation. This document was originally published on February 20, 2017 showing only the position of Corner 1 and stating that the position of Corner 2 would be determined after the adjacent corners to the north and south are established.

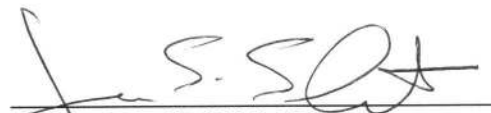
Having perpetuated the positions of the Corners to the north and south, Corner 2 was established in April, 2019. Per the original federal notes and the BCS record of 1907, Corner 2 was established at 96 links, or 63.36 feet, south of Corner 1, along the range line as defined by the corners to the south (see BCS Corners NW 700-600 and NW 750-600).

It is noted that a survey by Cary B. Dodge, LS #S0288, recorded in Survey Book 1, pages 11-12 and a survey by Jerry L. Carter, LS #S0350, recorded in Survey Book 11, page 64, both in the Recorder's Office of Boone County, show both corners as being 5/8 inch rebars. The rebar shown as being Corner 1 is believed to be the same rebar as discussed above, found to be 8 feet south and 5 feet west of the stone set in 1907. Notably, the Dodge and Carter surveys show Corner 2 to be at 54 feet south of Corner 1, rather than 63.36 feet. Hence, holding the stone set in 1907 and holding the record closing distance, the position of Corner 2 is believed to be within approximately one foot north-south of the position held by Dodge and Carter, but approximately 5 feet east. The rebar shown on the two surveys was not found. The rebar with yellow cap found near Corner 2 was left in place, 5.2 feet west and 4.4 feet south of the Harrison monument set at Corner 2. This is not believed to be the same monument as shown on the Dodge and Carter Surveys.

Corner 1 was originally established as a wood post in 1819. Corner 2 was originally established as a wood post in 1829.




Kenneth E. Hedge, County Surveyor


James S. Swift, IN LS 20200054

PHOTOGRAPHIC DOCUMENTATION

Date of photography: April 13, 2016

The upper stone as it was originally exposed.



The upper stone fully exposed, showing the etched "+" mark on the stone.



The lower stone exposed, showing the etched "+" mark on the stone.



View from the south, showing the area of excavation. Brandon Miller, Miller Excavating, is inspecting the upper stone as found.



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

PHOTOGRAPHIC DOCUMENTATION

Date of photography: April 13, 2016

The upper stone as it was originally exposed.



The upper stone fully exposed, showing the etched "+" mark on the stone.



The lower stone exposed, showing the etched "+" mark on the stone.



View from the south, showing the area of excavation. Brandon Miller, Miller Excavating, is inspecting the upper stone as found.



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