SECTION CORNER RECORD

SE 050-400

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (NSRS 2007):
North: 1743526.57 East: 3145783.12 (U.S. survey feet)

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

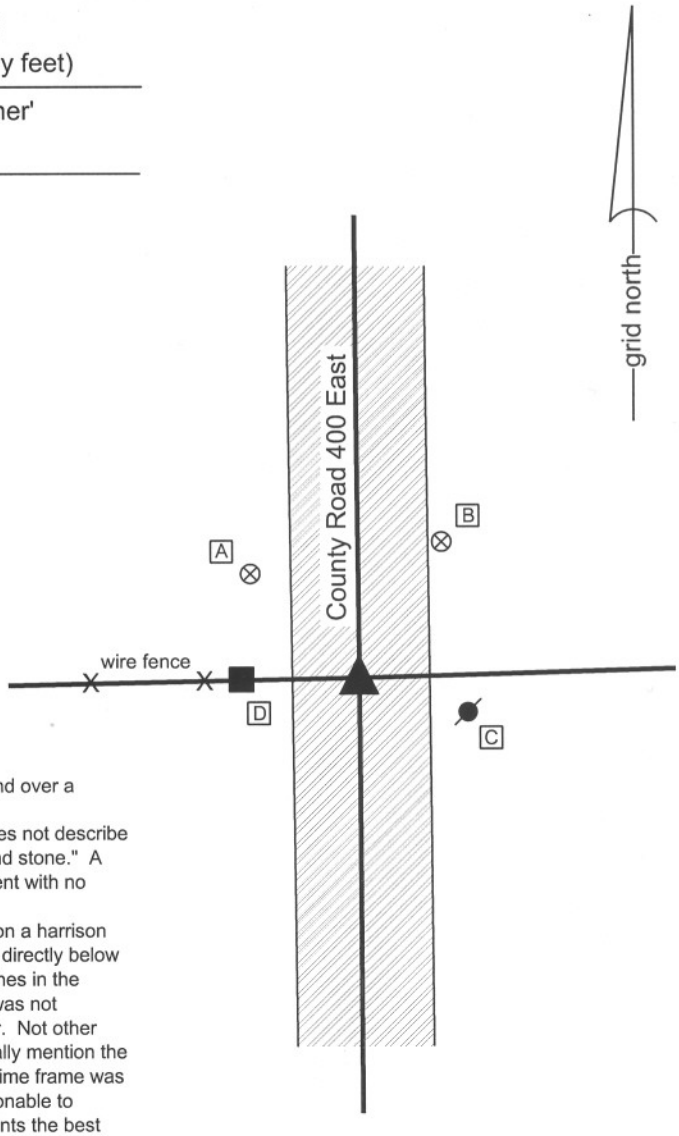
Indiana tie card references:
IN02_T18NR1E02_36
IN02_T18NR1E03_44

CORNER WITNESS DETAIL

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

A - Boone County witness mark, flush, 23.50'
B - Boone County witness mark, flush, 24.92'
C - Mag nail set in N. side power pole, 2.0' a.g., 16.7'
D - Mag nail set in E. side wood post, 0.5' a.g., 16.3'

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 harrison monument found over a railroad rail.
A BCS record of 1859 states that the corner was reestablished but does not describe how it was monumented. A BCS tie card of October 1975 states "found stone." A BCS tie card of October 2005 shows the corner as a harrison monument with no documentation of source.
This corner was excavated on September 10, 2009. Prior to excavation a harrison monument was found at the surface. A railroad rail on end was found directly below the harrison at 10 inches deep. A small stone was also found at 8 inches in the vicinity of the rail, but was located within the gravel layer of the road, was not embedded in the clay and was not accepted as evidence of the corner. Not other evidence was found. Though the 1975 record does not state specifically mention the rail, it is known that the practice of fields crews from this office in that time frame was to remove the found stone and replace it with a railroad rail. It is reasonable to conclude that the stone was removed in 1975 and that the rail represents the best evidence of the location of the stone.
A new harrison monument was set in the position of the previous harrison and the railroad rail, both of which were removed during excavation.
This corner was originally established as a wood post in June, 1820.

JAMES S. SWIFT
REGISTERED
No. 20200054
STATE OF
INDIANA
LAND SURVEYOR

Kenneth E. Hedge, County Surveyor

James S. Swift, IN LS 20200054
July 14, 2010

Center Twp	Worth Twp
Section 3 T18N, R1E	Section 2 T18N, R1E

SECTION CORNER RECORD

SE 050-500

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (NSRS 2007):
North: 1743670.25 East: 3151030.42 (U.S. survey feet)

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

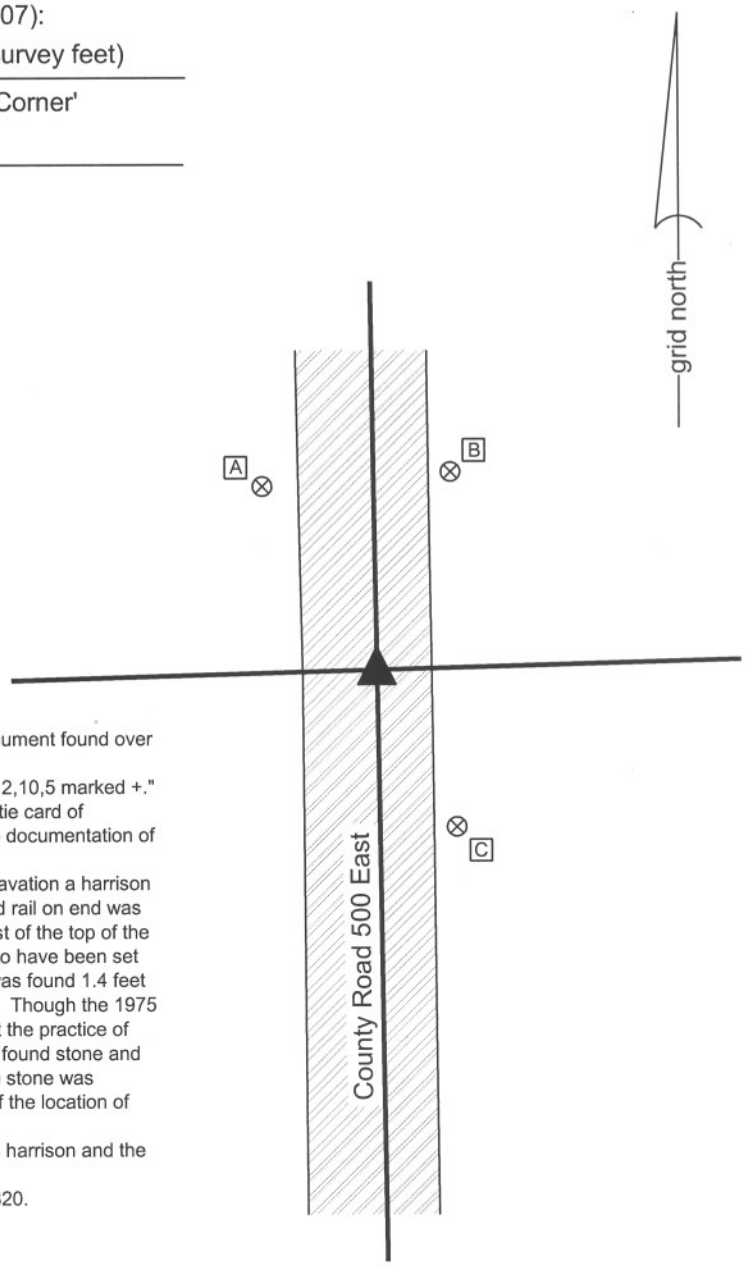
Indiana tie card references:
IN02_T18NR1E01_36
IN02_T18NR1E02_44

CORNER WITNESS DETAIL

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

A - Boone County witness mark, flush, 33.77'
B - Boone County witness mark, flush, 33.04'
C - Boone County witness mark, flush, 27.46'

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 the position of a harrison monument found over a railroad rail.
A BCS record of April 6, 1869 states "Reestablished. Set Rock 12,10,5 marked +."
A BCS tie card of September 1975 states "found stone." A BCS tie card of October, 2005 shows the corner as a harrison monument with no documentation of source.
This corner was excavated on September 11, 2009. Prior to excavation a harrison monument was found at the surface, slightly disturbed. A railroad rail on end was found at 7 inches deep. The harrison monument was slightly east of the top of the rail, but the rail was leaning to the west. The harrison appeared to have been set over the approximate position of the bottom of the rail. A rebar was found 1.4 feet south and 0.4 feet east of the rail. No other evidence was found. Though the 1975 record does not state specifically mention the rail, it is known that the practice of fields crews from this office in that time frame was to remove the found stone and replace it with a railroad rail. It is reasonable to conclude that the stone was removed in 1975 and that the rail represents the best evidence of the location of the stone.
A new harrison monument was set in the position of the previous harrison and the railroad rail, both of which were removed during excavation.
This corner was originally established as a wood post in June, 1820.

JAMES S. SWIFT
REGISTERED
No. 20200054
STATE OF
INDIANA
LAND SURVEYOR

Kenneth E. Hedge, County Surveyor

James S. Swift, IN LS 20200054
July 14, 2010

Worth Township

Section 2 T18N, R1E	Section 1 T18N, R1E

SECTION CORNER RECORD

SE 100-400

BOONE COUNTY SURVEYOR'S OFFICE

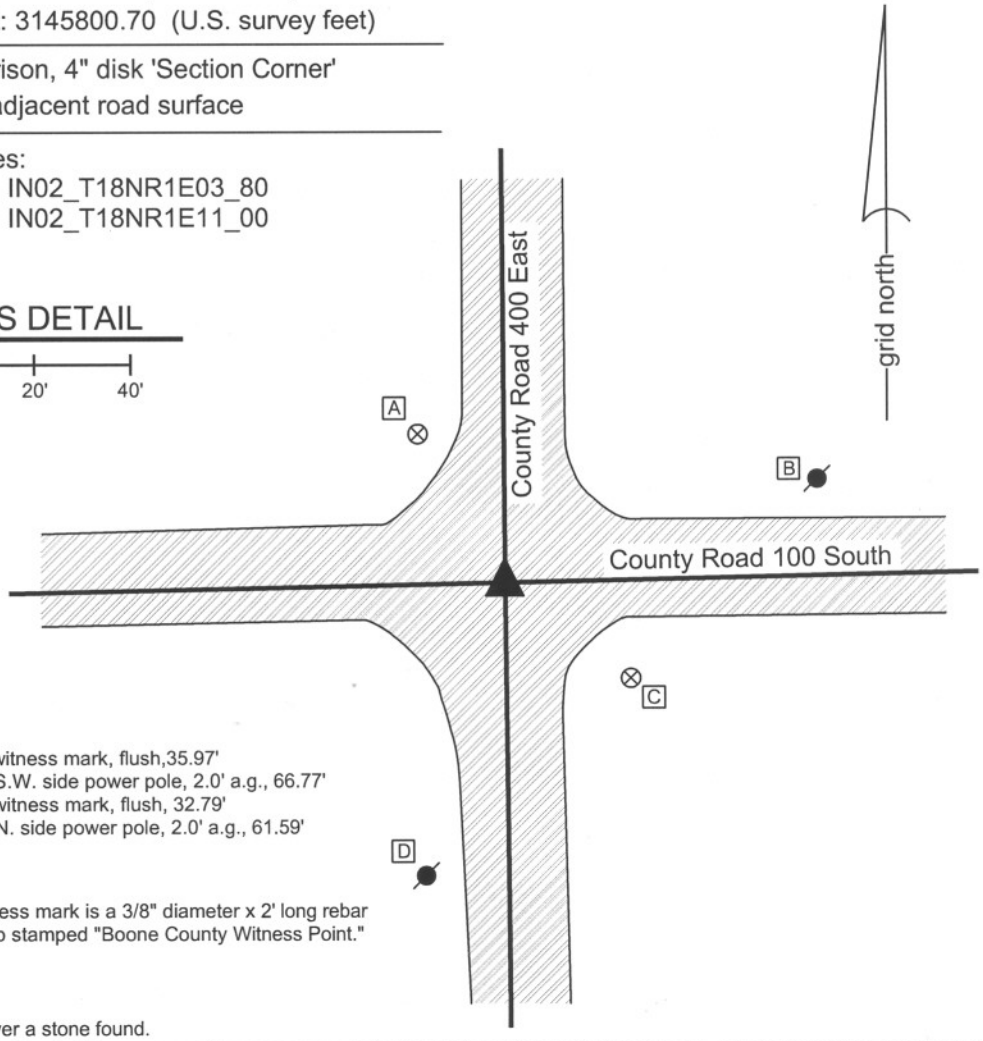
State Plane grid coordinates NAD83 (NSRS 2007):
North: 1740865.64 East: 3145800.70 (U.S. survey feet)

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

Indiana tie card references:
IN02_T18NR1E02_72 IN02_T18NR1E03_80
IN02_T18NR1E10_08 IN02_T18NR1E11_00

CORNER WITNESS DETAIL

SCALE 1" = 40' 0' 20' 40'



A - Boone County witness mark, flush,35.97'
B - Mag nail set in S.W. side power pole, 2.0' a.g., 66.77'
C - Boone County witness mark, flush, 32.79'
D - Mag nail set in N. side power pole, 2.0' a.g., 61.59'

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 August 16, 1869 refers to this corner and the corner one-half mile west as "Stones that were set." It is believed that this terminology was intended to mean that the stone were found and appeared to be monuments intentionally set in the past. A BCS record of November 1, 1912 refers to the corners as "Found rock set." A BCS tie card dated August 16, 1967 states "no stone" and demonstrates a location for the corner but does not state what monument was set. A BCS tie card dated October 15, 2005 shows the corner as a harrison monument with no documentation of source.
This corner was excavated on August 11, 2009. Prior to excavation a harrison monument was visible at the surface. Excavation revealed a railroad rail at 9 inches deep, directly below the harrison monument. Although not documented as such, it is likely that the railroad rail was set on August 16, 1967. Further excavation revealed a wood stake found at 8 inches deep, south and west of the harrison and railroad rail. A stone was found at 21 inches deep, directly below the wood stake. The stone is embedded in the clay layer below the road, with approximately 2 inches protruding out the clay and into the base layer of the road. With 8 inches exposed, the stone measures 12 inches N-S by 10 inches E-W and remained entirely stable, indicating that it extends further into the clay layer. No specific markings were found on the stone. The harrison monument was set over the top, center of the stone. The previous harrison and railroad rail, both of which were removed during excavation, had been 3.4 feet north and 0.9 feet east.
This corner was orignally established as a wood post in June, 1820.

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STATE OF INDIANA
LAND SURVEYOR

Kenneth E. Hedge, County Surveyor

James S. Swift, IN LS 20200054
July 14, 2010

Center Twp	Worth Twp
Section 3 T18N, R1E	Section 2 T18N, R1E
Section 10 T18N, R1E	Section 11 T18N, R1E

BOONE COUNTY SURVEYOR'S OFFICE

SE 100-400

PHOTOGRAPHIC DOCUMENTATION
Date of photography: August 11, 2009

View of the stone as first exposed.

View of the stone more fully exposed.

View from the east, looking across the stone and west along County Road 100 South.

View from the north, looking across the stone and south along County Road 400 East.

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

SECTION CORNER RECORD

SE 100-450

BOONE COUNTY SURVEYOR'S OFFICE

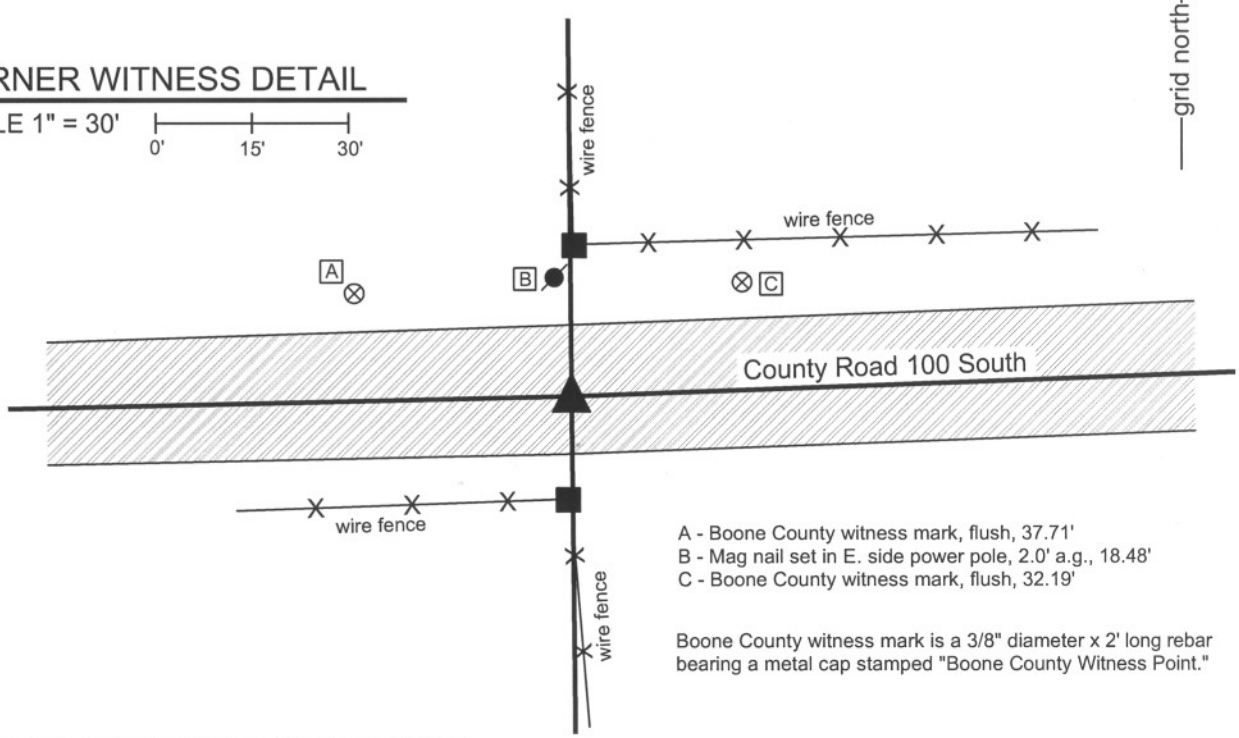
State Plane grid coordinates NAD83 (NSRS 2007):
North: 1740921.62 East: 3148440.82 (U.S. survey feet)

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

Indiana tie card references:
IN02_T18NR1E02_76
IN02_T18NR1E11_04

CORNER WITNESS DETAIL

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



A - Boone County witness mark, flush, 37.71'
B - Mag nail set in E. side power pole, 2.0' a.g., 18.48'
C - Boone County witness mark, flush, 32.19'

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 railroad rail found.
A BCS record of April 6, 1869 states "Disputed. Therefore chopped into Oak found mark. Set two Rocks. One 4,5,3 marked +. Top one 20.16.3 marked +." A BCS tie card dated October 8, 1971 states "Stone found. RRR put in." A BCS tie card dated October 15, 2005 shows the corner as a harrison monument with no documentation of source.
This corner was excavated on June 29, 2009. Prior to excavation, a harrison monument was visibile at the surface, leaning slightly and clearly disturbed. Excavation revealed a railroad rail at 9 inches deep. The rail was leaning slightly to the east. The harrison monument had been approximately 4 inches north and 3 inches west of the top of the rail. Due to the leaning characteristic of the rail, the E-W position of the harrison appeared to fit with the approximate bottom of the rail but the harrison was clearly north of the original position of the rail. No other evidence was found. Although the 1971 tie card does not specifically state it, it is most likely that the stone was removed at the time the railroad rail was set. It is noted that the 2005 tie card demonstrates a simlar tie distance as shown on the 1971 tie card to a post south of the corner. However, it was observed that the existing post appears to be newer than the posts to the south and west. No nail or other markings which appeared to be from the 1971 time frame were found in the post. It is believed that the post shown on the 2005 tie card is not the same as that shown on the 1971 tie card. No documentation was found explaining why the harrison was set at a position which is not in accordance with the rail. The new harrison monument was set in place of the rail, 4 inches south of the previously existing harrison.
This corner was originally established as a wood post in June, 1820.

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No. 20200054
STATE OF
INDIANA
LAND SURVEYOR

Kenneth E. Hedge, County Surveyor

James S. Swift, IN LS 20200054
July 14, 2010

Worth Twp

Section 2
T18N, R1E

Section 11
T18N, R1E

SECTION CORNER RECORD

SE 100-500

BOONE COUNTY SURVEYOR'S OFFICE

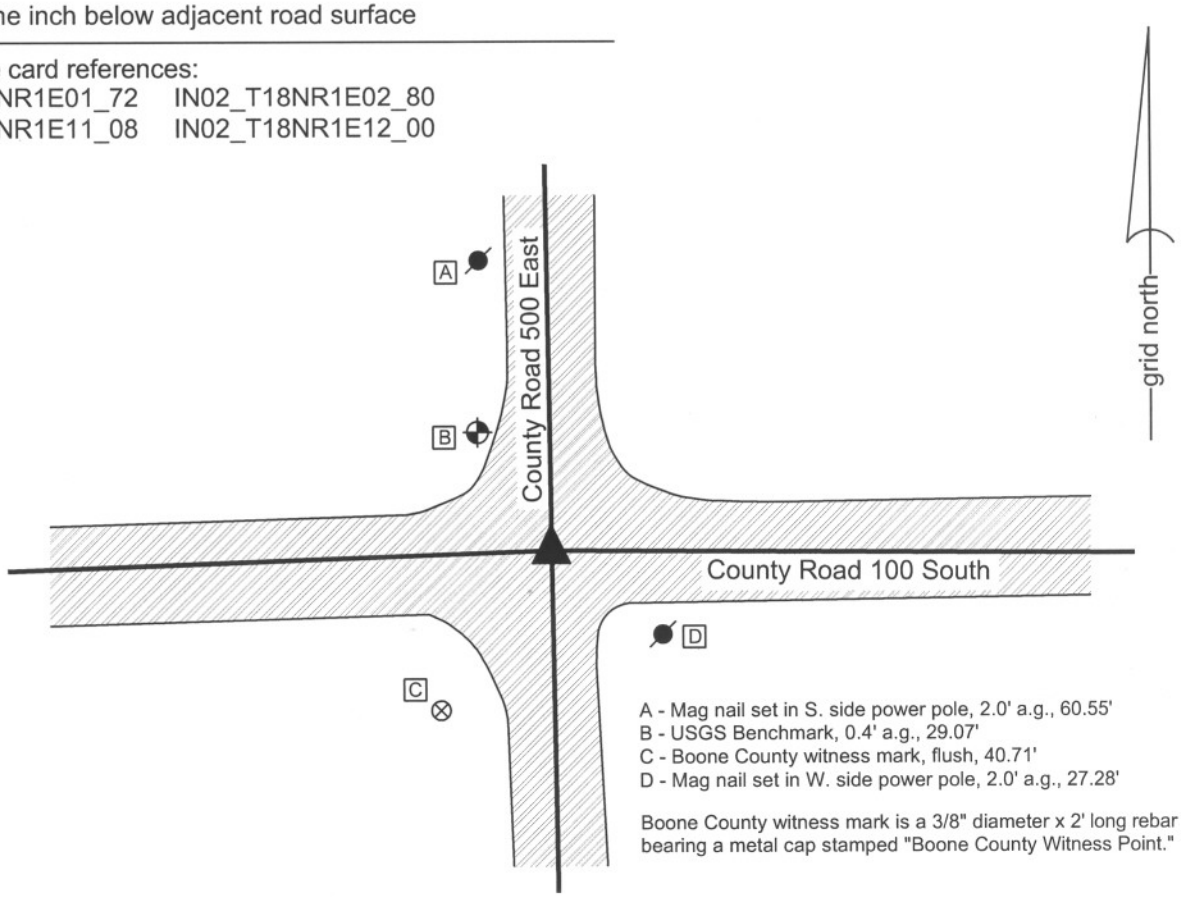
State Plane grid coordinates NAD83 (NSRS 2007):
North: 1741013.35 East: 3151069.19 (U.S. survey feet)

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

Indiana tie card references:
IN02_T18NR1E01_72 IN02_T18NR1E02_80
IN02_T18NR1E11_08 IN02_T18NR1E12_00

CORNER WITNESS DETAIL

SCALE 1" = 40' 0' 20' 40'



A - Mag nail set in S. side power pole, 2.0' a.g., 60.55'
B - USGS Benchmark, 0.4' a.g., 29.07'
C - Boone County witness mark, flush, 40.71'
D - Mag nail set in W. side power pole, 2.0' a.g., 27.28'

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 April 6, 1869 states "Placed the Rock deeper 27,20,8 in ground." A BCS tie card dated August 16, 1967 states "no stone" and shows a position for the corner but does not document the monument set. A BCS tie card dated October 25, 2005 shows the corner as a harrison monument with no documentation of source.
This corner was excavated on July 16, 2009. Prior to excavation a harrison monument was visible at the surface. Excavation revealed a railroad rail found at 10 inches deep, approximately 2 inches SW of the position of the harrison monument. Although the record does not specify the monument, it is likely that the railroad rail was set on August 16, 1967. Further excavation revealed a stone found at 15 inches deep, north of the harrison and rail. The stone is clearly vertical, embedded in the clay layer below the road with 3 inches of the stone protruding out of the clay into the base layer of the road. With 12 inches of the stone exposed the stone measures 7 inches E-W by 16 inches N-S and appeared to be larger lower. Based on experience excavating similar monuments, it is reasonable to conclude that this is the record stone described in the 1869 record and that the E-W and N-S dimensions near the base of the stone will match the record dimensions of 8 inches and 20 inches, respectively. No specific markings were observed, nor were any noted in the record. The stone was left in place and the harrison monument was set over the top center point of the stone, 1.7 feet north and 0.2 feet east of the previous harrison.
This corner was originally established as a wood post in June, 1820.

JAMES S. SWIFT
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Kenneth E. Hedge, County Surveyor

James S. Swift, IN LS 20200054
July 14 2010

Worth Township

Section 2 T18N, R1E	Section 1 T18N, R1E
Section 11 T18N, R1E	Section 12 T18N, R1E

BOONE COUNTY SURVEYOR'S OFFICE

SE 100-500

PHOTOGRAPHIC DOCUMENTATION
Date of photography: July 16, 2009

View of the stone from above and west.

View of the stone from above and south.

View from the west, looking across the stone and west along County Road 100 South.

View from the south, looking across the stone and north along County Road 500 East.

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