SECTION CORNER RECORD

SE 700-200

BOONE COUNTY SURVEYOR'S OFFICE

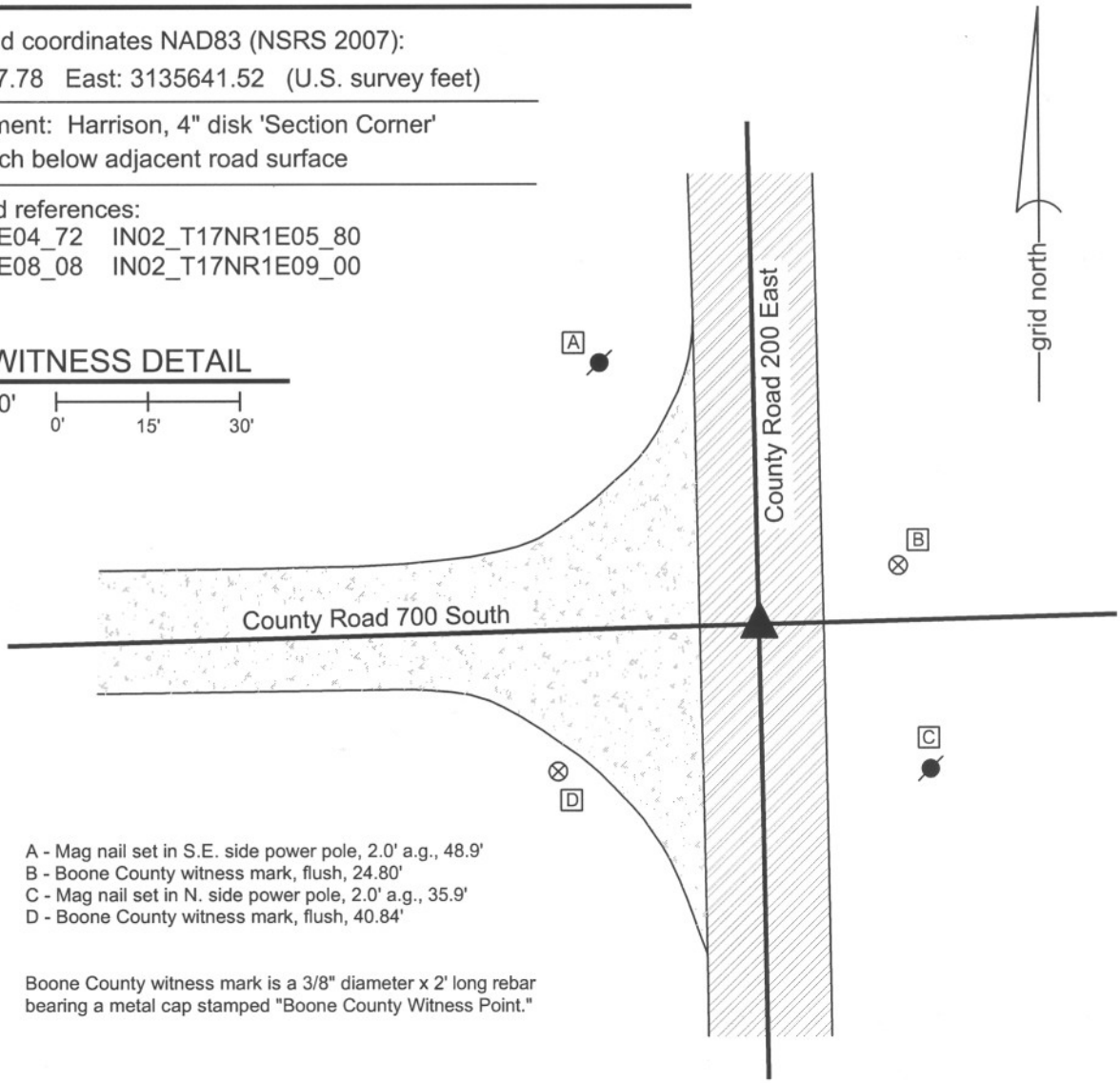
State Plane grid coordinates NAD83 (NSRS 2007):
North: 1708787.78 East: 3135641.52 (U.S. survey feet)

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

Indiana tie card references:
IN02_T17NR1E04_72 IN02_T17NR1E05_80
IN02_T17NR1E08_08 IN02_T17NR1E09_00

CORNER WITNESS DETAIL

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



A - Mag nail set in S.E. side power pole, 2.0' a.g., 48.9'
B - Boone County witness mark, flush, 24.80'
C - Mag nail set in N. side power pole, 2.0' a.g., 35.9'
D - Boone County witness mark, flush, 40.84'

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 railroad spike found.
A BCS record of March 5 & 6, 1868 states "Reestablished from stump of one tree. Rock marked +." A BCS tie card dated July 10, 1968 states "found stone." This corner was excavated by a private survey company in April, 2007, witnessed by the undersigned Land Surveyor. At that time, a railroad rail was found on end with a rebar adjacent to it. No stones were found. Both the rebar and the rail were removed and a railroad spike was set in place of the rail. Although the 1968 tie card simply states "found stone" it is known that it was common practice of BCS field crews from that era to remove a corner stone when found and replace it with a railroad rail on end. Hence, it is accepted that the position of the rail is the same as the position of the stone and it is known that the railroad spike replaced the rail. The railroad spike was removed on May 8, 2009 and replaced with a harrison monument. 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

Perry Township

Section 5 T17N, R1E	Section 4 T17N, R1E
Section 8 T17N, R1E	Section 9 T17N, R1E

SECTION CORNER RECORD

SE 700-250

BOONE COUNTY SURVEYOR'S OFFICE

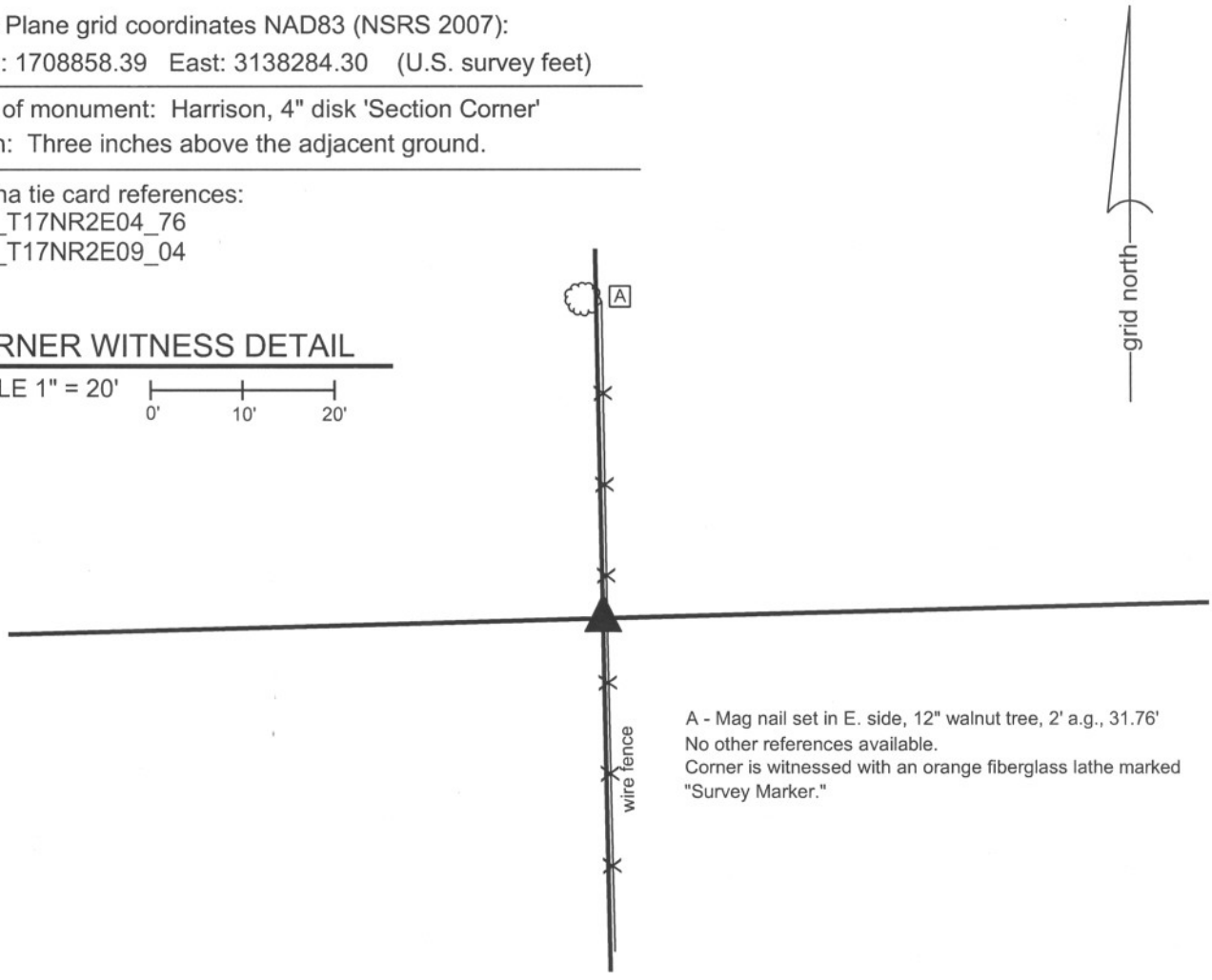
State Plane grid coordinates NAD83 (NSRS 2007):
North: 1708858.39 East: 3138284.30 (U.S. survey feet)

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

Indiana tie card references:
IN02_T17NR2E04_76
IN02_T17NR2E09_04

CORNER WITNESS DETAIL

SCALE 1" = 20' 0' 10' 20'



A - Mag nail set in E. side, 12" walnut tree, 2' a.g., 31.76'
No other references available.
Corner is witnessed with an orange fiberglass lathe marked "Survey Marker."

The harrison monument was set over a stone found and in place of another stone found.
A BCS record of March 19, 1872 states "Reestablished from Elm. Set two Rocks. One 7,5,4 +. Top one 12,9,7 +." No modern BCS tie cards were found referencing this corner.
This corner was excavated on September 30, 2010. Prior to excavation, a round steel fence post was found at the east edge of a north-south fence and a 5/ 8 inch diameter rebar was 1.7 feet west of the post. Excavation revealed both record stones found north of the rebar and post, on the west edge of the fence.
The top stone was found at 8 inches below grade. The stone measured 7 inches N-S by 9 inches E-W by 12 inches tall. An etched + was clearly visible on the top center of the stone. The stone was removed and the record lower stone was found directly below the top stone. The lower stone measured approximately 8 inches E-W by 6 inches N-W by 4 inches tall, with a clearly visible + etched on the top. The lower stone is situated at 22 inches below grade. The lower stone was left in place, encased in concrete and the harrison monument was set directly over the etched + on the lower stone. Remnants of an old wood post were found approximately 1 foot S.E. of the stone, directly west of the steel post. The rebar, removed during excavation, had been 0.8 foot south and 0.4 foot west of the stone. The steel post was left in place.
This corner was originally established as a wood post in 1820.

JAMES S SWIFT
REGISTERED
No.
20200054
STATE OF
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LAND SURVEYOR

Kenneth E. Hedge, County Surveyor

James S. Swift, IN LS 20200054
July 25, 2011

Perry Twp

Section 4
T17N, R2E

Section 9
T17N, R2E

BOONE COUNTY SURVEYOR'S OFFICE

SE 700-250

PHOTOGRAPHIC DOCUMENTATION
Date of photography: September 30 - October 1, 2010

View of the top stone as first exposed.

View of the top stone more fully exposed.

The top stone removed from the ground.

The top of the bottom stone.

The harrison monument set in place of the top stone and over the bottom stone.

The harrison monument set in place of the top stone and over the bottom stone.

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

SECTION CORNER RECORD

SE 700-300

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (NSRS 2007):
North: 1708925.87 East: 3140924.57 (U.S. survey feet)

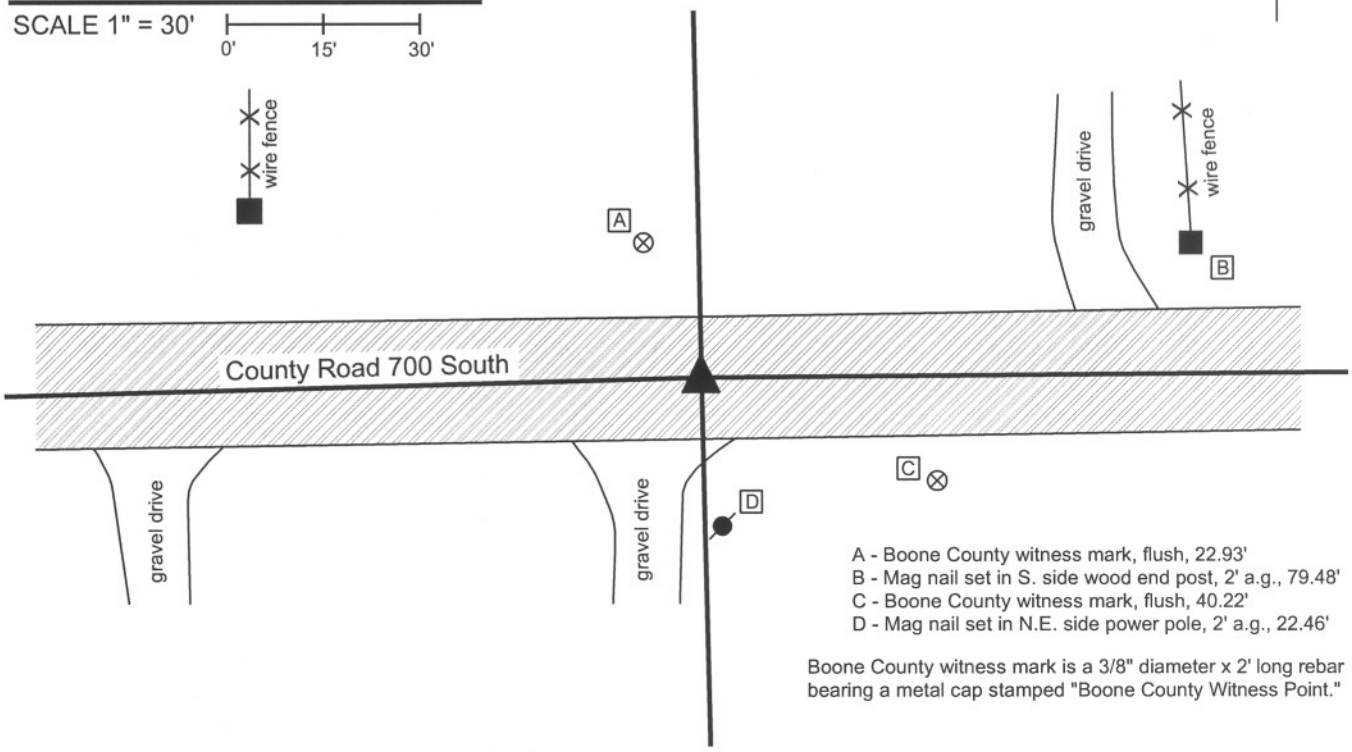
Type of monument: Harrison, 4" disk 'Section Corner'
Depth: One inch below adjacent road surface

Indiana tie card references:
IN02_T17NR1E03_72 IN02_T17NR1E04_80
IN02_T17NR1E09_08 IN02_T17NR1E10_00

grid north

CORNER WITNESS DETAIL

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



A - Boone County witness mark, flush, 22.93'
B - Mag nail set in S. side wood end post, 2' a.g., 79.48'
C - Boone County witness mark, flush, 40.22'
D - Mag nail set in N.E. side power pole, 2' a.g., 22.46'

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 over the top of a stone found.
A BCS record of March 19, 1872 states "Found from roots of Beech. Drove no stake." A BCS record of March 29, 1898 states "Set rock. 7x13x24 +. Two small rocks beneath." No BCS tie cards were found for this corner. Excavation occurred on November 19, 2008. Prior to excavation, a 1/2 inch rebar was visible at the surface. An area approximately 3 feet N-S by 9 feet E-W appeared to have been excavated previously. The rebar was at the west edge of that area. Excavation revealed a wood hub at 5 inches deep approximately 1.5 feet west of the rebar. Excavation also revealed the record stone found at 21 inches deep. The stone is fully embedded in the clay layer beneath the road and measures 7 inches N-S by 13 inches E-W by 24 inches vertical. One small rock was exposed underneath the rock at the east edge of the record stone. The harrison moument was set directly over the top, high point of the record stone, which point is approximately 4 inches west of the east edge of the stone. The harrison monument is 1.3 feet South and 2.2 feet west of the position of the 1/2 inch rebar, which was 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

March 11, 2009 revised July 14, 2010

Perry Township

Section 4 T17N, R1E	Section 3 T17N, R1E
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BOONE COUNTY SURVEYOR'S OFFICE

SE 700-300

PHOTOGRAPHIC DOCUMENTATION
Date of photography: November 19, 2008

Corner stone.
View from east with stone partially exposed.

Corner stone. View from above.

Corner stone. View from east of fully exposed stone and County Road 700 South to the west.

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

SECTION CORNER RECORD

SE 750-200

BOONE COUNTY SURVEYOR'S OFFICE

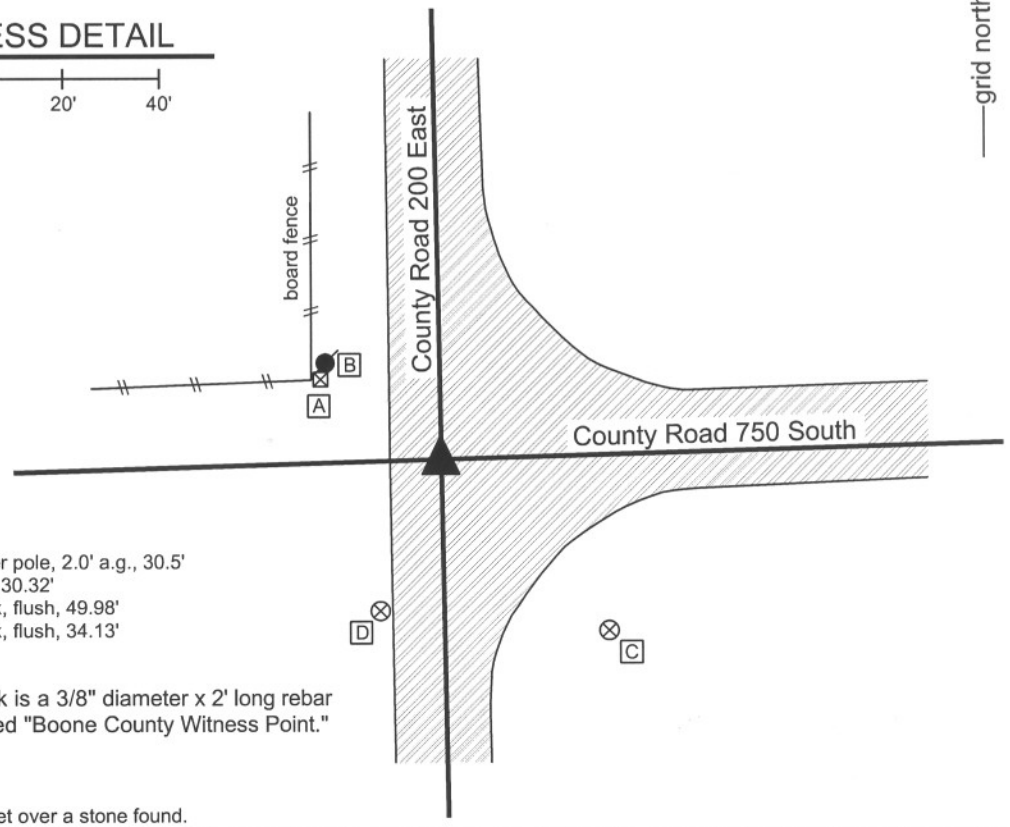
State Plane grid coordinates NAD83 (NSRS 2007):
North: 1706121.08 East: 3135692.51 (U.S. survey feet)

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

Indiana tie card references:
IN02_T17NR1E08_44
IN02_T17NR1E09_36

CORNER WITNESS DETAIL

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



A - Mag nail set in S. side power pole, 2.0' a.g., 30.5'
B - USGS monument, 0.2' a.g., 30.32'
C - Boone County witness mark, flush, 49.98'
D - Boone County witness mark, flush, 34.13'

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 March 19, 1872 states "Reestablished. Set two Rocks. One 6,5-1/2, 4 +. Top one 11, 10, 8 +." A BCS tie card dated February, 1968 states "no stone." This corner was excavated by a private surveyor in April, 2007, witnessed by the undersigned Land Surveyor. At that time the record top stone was found and a railroad spike was set directly over it. The corner was excavated again on May 7, 2009. The record stone is located at 24 inches deep, measuring 10 inches E-W by 8 inches N-S with a distinct "+" etched on the top center. The stone appears to be of a soft, sand-stone type material. The harrison monument was set in place of the railroad spike and directly over the etched "+" on the stone. A mag nail was found 2.7 feet north and 2.0 feet west of the stone. This nail fits approximately with the one remaining tie from the 1968 tie card. The reference on the tie card to "no stone" is clearly erroneous and the tie card does not state what monument was set if any. However, it is known that field crews from this office in that era often set railroad rails on end as monuments. The mag nail may be over a rail. The mag nail was not removed and the rail, if present, was not exposed. The 1872 record stone is held as monumenting the corner. This corner was originally established as a wood post in June, 1820.

JAMES S. SWIFT
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No. 20200054
STATE OF
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LAND SURVEYOR

Kenneth E. Hedge, County Surveyor

James S. Swift, IN LS 20200054

July 14, 2010

Perry Township

Section 8 T17N, R1E	Section 9 T17N, R1E

BOONE COUNTY SURVEYOR'S OFFICE

SE 750-200

PHOTOGRAPHIC DOCUMENTATION
Date of photography: May 7, 2009

View of the stone as first exposed.

The stone after it had dried in the air briefly.

View from over the stone, looking north along County Road 200 East.

View from over the stone, looking East along County Road 750 South.

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

SECTION CORNER RECORD SE 750-300

BOONE COUNTY SURVEYOR'S OFFICE

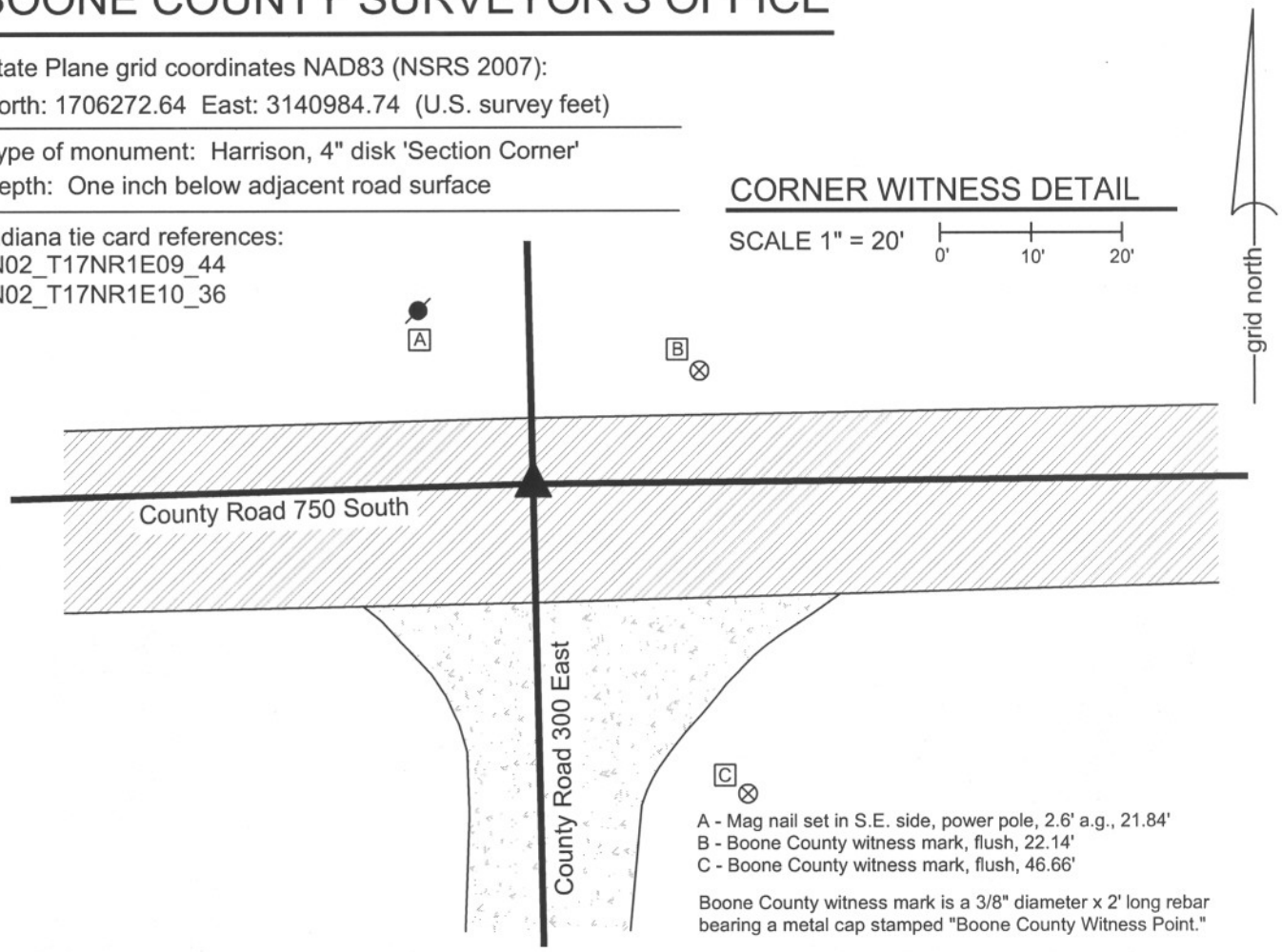
State Plane grid coordinates NAD83 (NSRS 2007):
North: 1706272.64 East: 3140984.74 (U.S. survey feet)

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

Indiana tie card references:
IN02_T17NR1E09_44
IN02_T17NR1E10_36

CORNER WITNESS DETAIL

SCALE 1" = 20' 0' 10' 20'



A - Mag nail set in S.E. side, power pole, 2.6' a.g., 21.84'
B - Boone County witness mark, flush, 22.14'
C - Boone County witness mark, flush, 46.66'

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 March 19, 1872 states "Reestablished from stump. Set two Rocks. One 16,11,8 +. Top one 16,10,7 +." A BCS tie card of February, 1968 shows the corner but does not contain further information. The field notes associated with this tie card show the same sketch and also state "no stone, Ken and Harold, February 1968." This corner was excavated on November 20, 2008. Prior to excavation, a mag nail in a washer was visible at the surface. Excavation revealed a railroad rail below the nail at 7 inches deep. Excavation also revealed a wood hub found with a railroad spike driven into the top of it at 6 inches deep, 0.65 foot south and 1.0 foot east of the rail. A stone was found below the hub and spike at 14 inches deep. The stone measures 13x10x9 inches, set vertically but mostly in fill material with only the bottom partially in the clay layer. Another stone was found at 16 inches deep, approximately 2.8 feet north of the first stone. The second stone is too large for either of the record stones and was oriented rather haphazardly. This stone was removed and below it was found another stone, completely embedded in the clay. The dimensions of this somewhat rough stone are difficult to precisely determine, but are approximately the dimensions on the record lower stone from 1872, being 16 by 11 by 8 inches. The stone is set horizontally with the longest part oriented E-W. This fits with the pattern from that period wherein the top stone was set vertically and the lower stone was set horizontally. The stone was accepted as being the record lower stone as described in the record of March 19, 1872. It is also noted that the top of the clay layer was at approximately 9 inches above the top of the stone. If the upper record stone was set vertically, it would have protruded at least 7 inches into the current layer of fill material. The cross section of the road in this intersection consists of ashpalt on top, over a sandy fill material which is over a rocky fill material. The rocky material appears to be specifically intended as fill, rather than just the old sandy, gravelly base material of the wagon road, as its typically found above the clay layer in similar county roads. It is likely that the upper record stone was removed during the installation of the fill material. The harrison monument is 2.1 feet North and 0.5 foot East of the position of the mag nail and railroad rail, both of which were removed during excavation. This corner was originally established as a wood post in June, 1820.

JAMES S. SWIFT
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No. 20200054
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LAND SURVEYOR

Kenneth E. Hedge, County Surveyor

James S. Swift, IN LS 20200054

March 11, 2009 Revised July 14, 2010

Perry Township

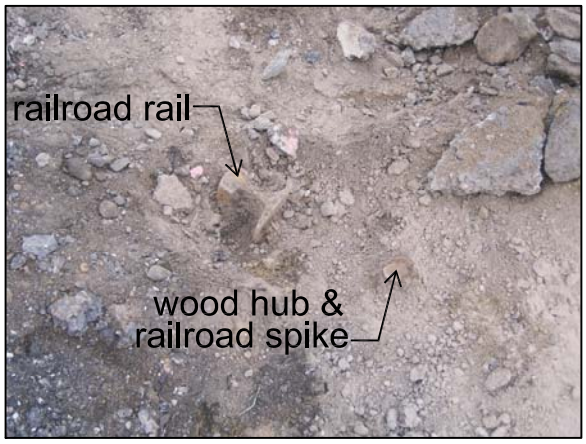
Section 9 T17N, R1E	Section 10 T17N, R1E

BOONE COUNTY SURVEYOR'S OFFICE

SE 750-300

PHOTOGRAPHIC DOCUMENTATION
Date of photography: November 20, 2008

Railroad rail and wood hub with railroad spike driven into it.



Non-record stone found entirely within fill material. Overhead view from west.

Non-record stone found mostly in fill material with bottom at clay layer. View from south.

Record bottom stone found, embedded in clay. View from south.

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