SECTION CORNER RECORD NW 700-150

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):
North: 1782570.39 East: 3116878.73 (U.S. survey feet)

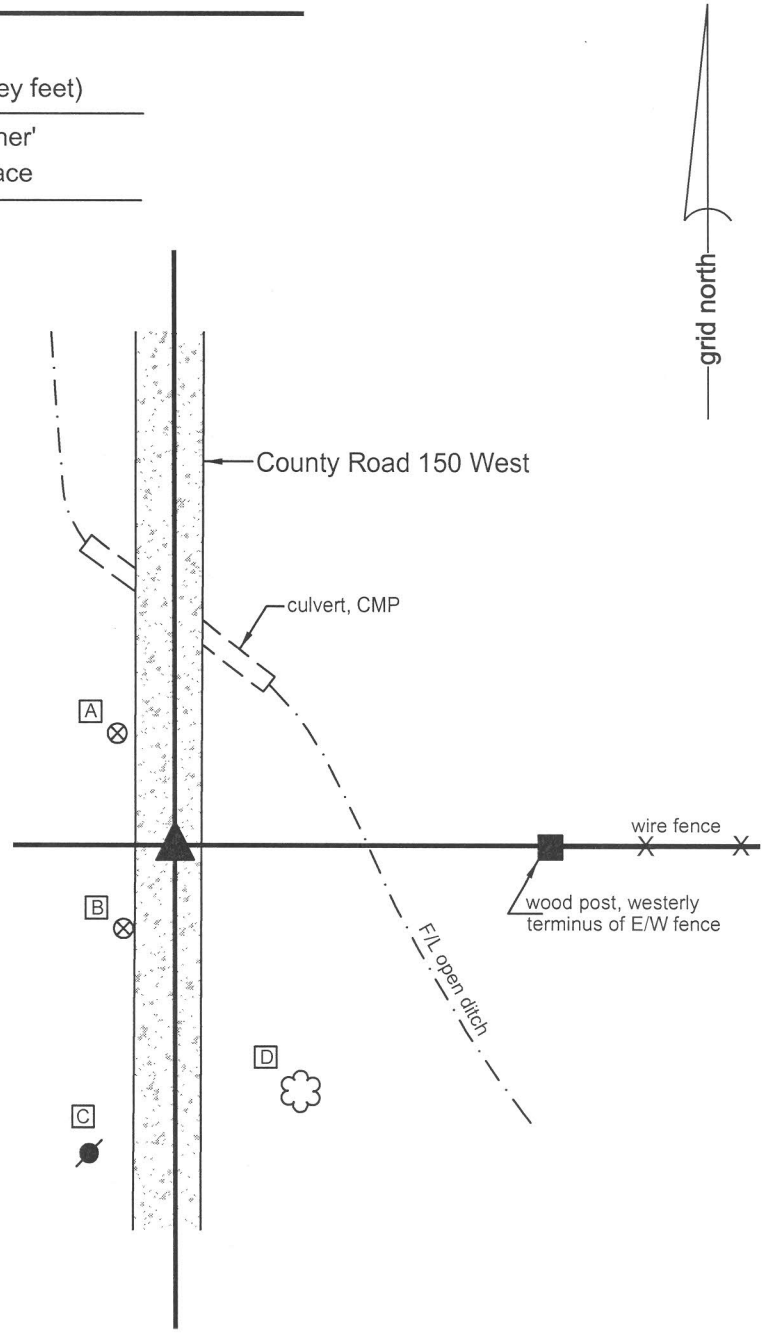
Type of monument: Harrison, 4" disk 'Section Corner'
Depth: six inches below adjacent gravel road surface

Indiana tie card references:
IN02_T20NR1W26_72 IN02_T20NR1W35_04

CORNER WITNESS DETAIL

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

A - Boone County witness mark, flush, 29.4'
B - Boone County witness mark, flush, 20.2'
C - Mag nail set in N. side power pole, 2' a.g., 64.8
D - N. edge 12 inch diameter walnut tree, 54.3'



The Harrison monument was set over the top, high point of a stone found. A BCS Record of October 15, 1912 states, with respect to this corner, "Reest. by measurement. Drove Stake." No Recent BCS tie cards were found referencing this corner. Excavation was performed at this corner of June 16, 2014. Prior to excavation a 5/8 inch diameter rebar was found at the surface of the road approximately in line with the fence to the east. The source of the rebar is not known. Excavation revealed a stone found at 11 inches deep, north and east of the rebar. With the top 9 inches of the stone exposed, it measured 14 inches N-S and 8 inches E-W. With that amount exposed, the stone remained entirely stable in the clay layer below the road and appeared to be much larger in the vertical dimension. The east and west sides of the stone are vertical while the north and south sides are sloping. The top of the stone protruded 2 to 3 inches out of the clay, into the base of the road bed. No specific marks were observed on the stone. The top center of the stone was also the obvious high point. The stone fit with local evidence of the corner, being within the N-S roadway and in line of the old fence to the east which begins on the east side of an adjacent open ditch. The stone was accepted as the best available evidence of the corner. The top 6 inches of the stone were encased in concrete and a Harrison monument was broken off at 6 inches tall and set over the top, high point of the stone. The rebar, removed during excavation, had been 0.75 foot south and 1.8 feet west of the top, high point of the stone. This corner was originally established as a wood post in 1829.

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

Kenneth E. Hedge, County Surveyor

James S. Swift, IN LS 20200054

March 27, 2015

Washington Township

Section 26 T20N, R1W

Section 35 T20N, R1W

BOONE COUNTY SURVEYOR'S OFFICE

NW 700-150

PHOTOGRAPHIC DOCUMENTATION
Date of photography: June 16, 2014

The stone as first exposed.

The stone more fully exposed.

View from the west, looking across the top of the stone and east along the fence to the east. Note the distinct top, high point of the stone.

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

SECTION CORNER RECORD NW 800-100

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):
North:1787910.37 East: 3119517.40 (U.S. survey feet)

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

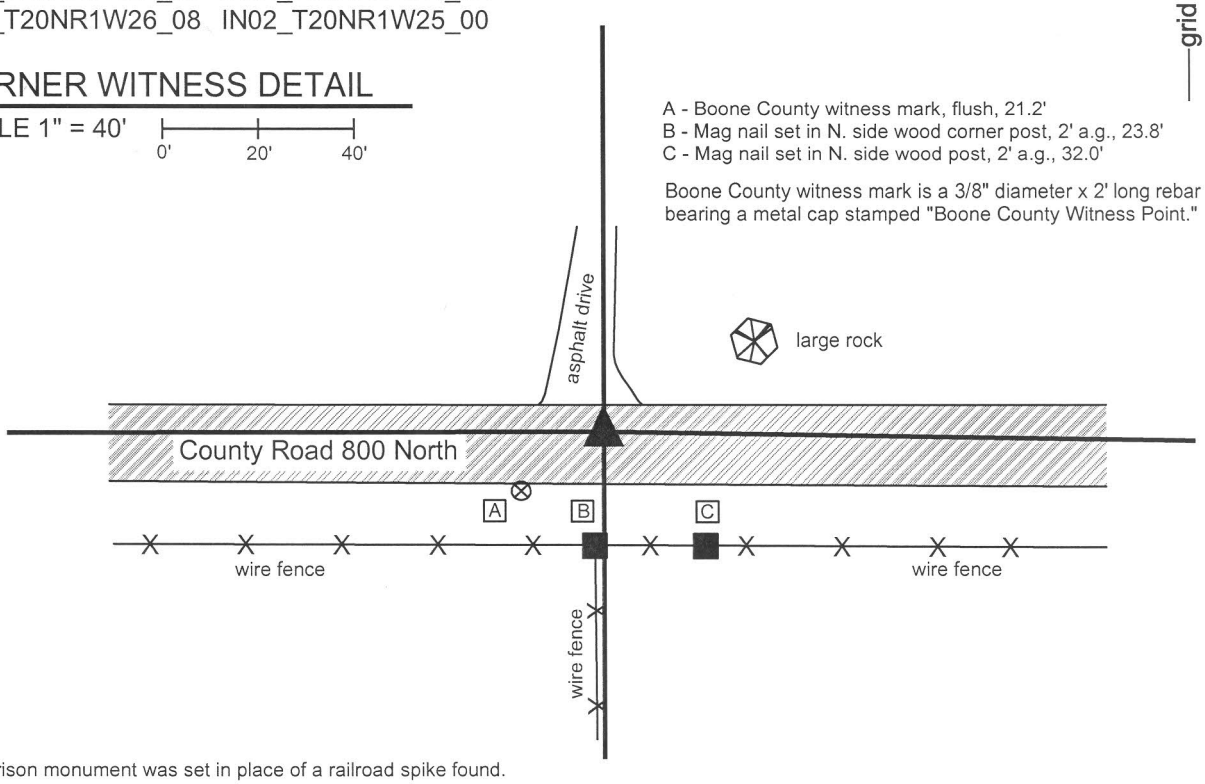
Indiana tie card references:
IN02_T20NR1W23_80 IN02_T20NR1W24_72
IN02_T20NR1W26_08 IN02_T20NR1W25_00

CORNER WITNESS DETAIL

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

A - Boone County witness mark, flush, 21.2'
B - Mag nail set in N. side wood corner post, 2' a.g., 23.8'
C - Mag nail set in N. side wood post, 2' a.g., 32.0'

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 August 25th 1859 states, with respect to this corner, "Rock from which another Rock 48 [links], N 28 ½ E, 60 [links]." A BCS record of August 21, 1893 states "witness rock here." No recent BCS tie cards were found referencing this corner.
Excavation was performed at this corner on June 16, 2014. Prior to excavation, a railroad spike was found at the surface of the road, slightly north of the physical center of the road. A large rock was nearby, at approximately 60 links distance. The azimuth from the railroad spike to the rock was more like 58 degrees, than 28 degrees. This rock did not bear the characteristics of a "witness stone." Excavation of an area extending 2 feet north, 2 feet east, 4.5 feet south and 4.5 feet west of the railroad spike yielded no further evidence of the corner. Excavation was performed in an area sufficiently large to include the center of the road at the approximate intersection of the fence to the south and the center of the road at 60 links distance from the aforementioned large rock. The bottom of the road bed is at approximately 1 foot, under which a grey clay layer exists to about 16 inches. From 16 inches and deeper, a brown clay exists. Excavation was performed to at least 20 inches deep. The source of the railroad spike is not known and no explanation is offered as to why the stone which was known to exist in 1859 and 1893 was not found. The railroad spike fits with with adjacent section corners, is called for as marking the corner for some adjoining properties and is believed to represent the position of the corner from whichother adjacent properties were described. It is noted that a position being S28°W, 60 links from the aformentioned large rock would fall well south of the roadway and would not fit with any of the local evidence of the corner. As no contrary evidence was found, the railroad spike was held as marking the corner. The railroad spike was removed during excavation and replaced with a Harrison monument set in the same position.
This corner was originally established as a wood post in 1822.

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No. 20200054
STATE OF INDIANA
LAND SURVEYOR

Kenneth E. Hedge, County Surveyor

James S. Swift, IN LS 20200054

March 27, 2015

Washington Township

Section 23 T20N, R1W	Section 24 T20N, R1W
Section 26 T20N, R1W	Section 25 T20N, R1W

SECTION CORNER RECORD

NW 800-150

BOONE COUNTY SURVEYOR'S OFFICE

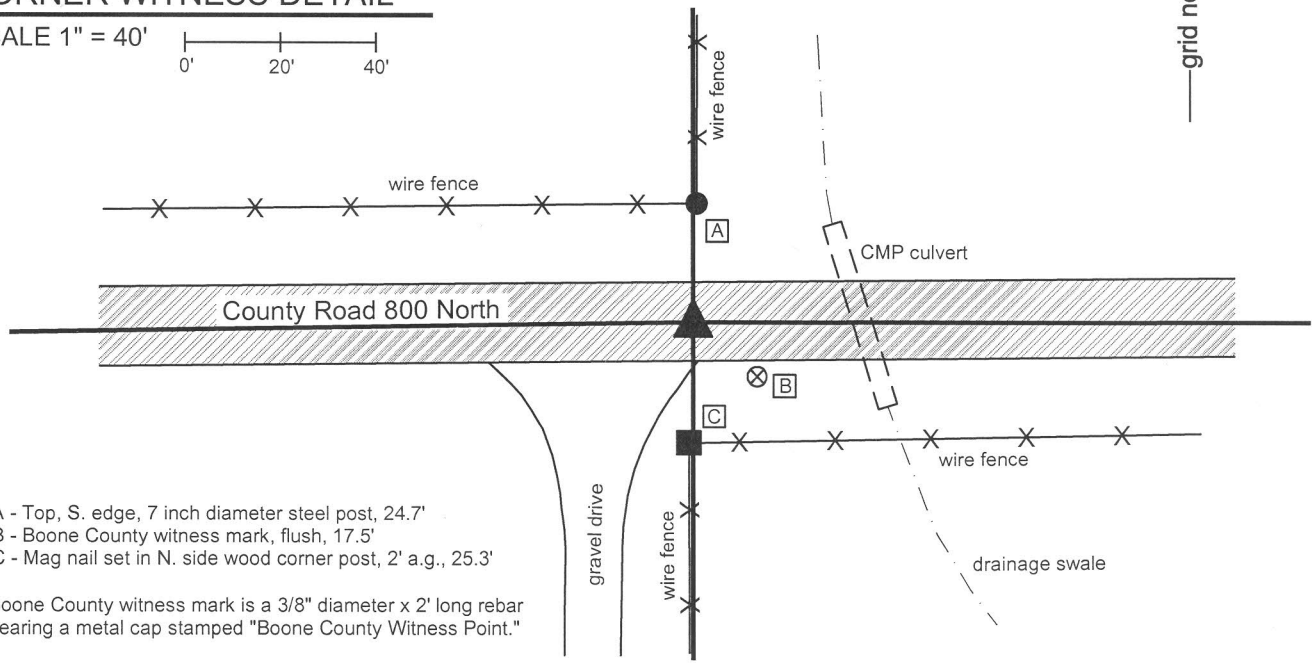
State Plane grid coordinates NAD83 (CORS96):
North: 1787907.36 East: 3116882.19 (U.S. survey feet)

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

Indiana tie card references:
IN02_T20NR1W23_76 IN02_T20NR1W26_04

CORNER WITNESS DETAIL

SCALE 1" = 40'



A - Top, S. edge, 7 inch diameter steel post, 24.7'
B - Boone County witness mark, flush, 17.5'
C - Mag nail set in N. side wood corner post, 2' a.g., 25.3'

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 railroad spike which was set in place of a Mag nail found.
A BCS record dated November 28, 1885 states, with respect to this corner, "Found from Oak wit (gov) and rock already there. Set 15,18.12 no mark."
No recent BCS tie cards were found referencing this corner.
Significant excavation was not performed at this corner due to obvious presence of significant amounts of fill material associated with the culvert for a drainage ditch crossing the road immediately to the east of the corner. Minor excavation was performed on June 16, 2014. At that time, a Mag nail found at the surface of the road was removed and the area under the nail was excavated. No metal monument or any other evidence of the corner was found below the Mag nail. It was observed that the Mag nail was in the center of the east-west roadway, slightly east of the fence to the south and slightly west of the fence to the north. The source of the Mag nail is not known. The nail was temporarily replaced with a railroad spike in the same position, pending review of the relative position of the found Mag nail and monumentation marking adjoining properties. Further research and field work yielded the observation that position of the Mag nail fit very well with the descriptions and monumentation to the west in both sections 23 and 26. Having confrmed this position for the corner and having found no contrary evidence, the position of the Mag nail as originally found was held as marking the corner. On October 21, 2014 the railroad spike which had been temporarily marking the position of the corner was removed and replaced with a Harrison monument. This corner was originally established as a wood post in 1822.

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LAND SURVEYOR

Kenneth E. Hedge, County Surveyor

James S. Swift, IN LS 20200054
March 27, 2015

Washington Township

Section 23
T20N, R1E

Section 26
T20N, R1E

SECTION CORNER RECORD NW 800-200

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):
North: 1787863.62 East: 3114216.80 (U.S. survey feet)

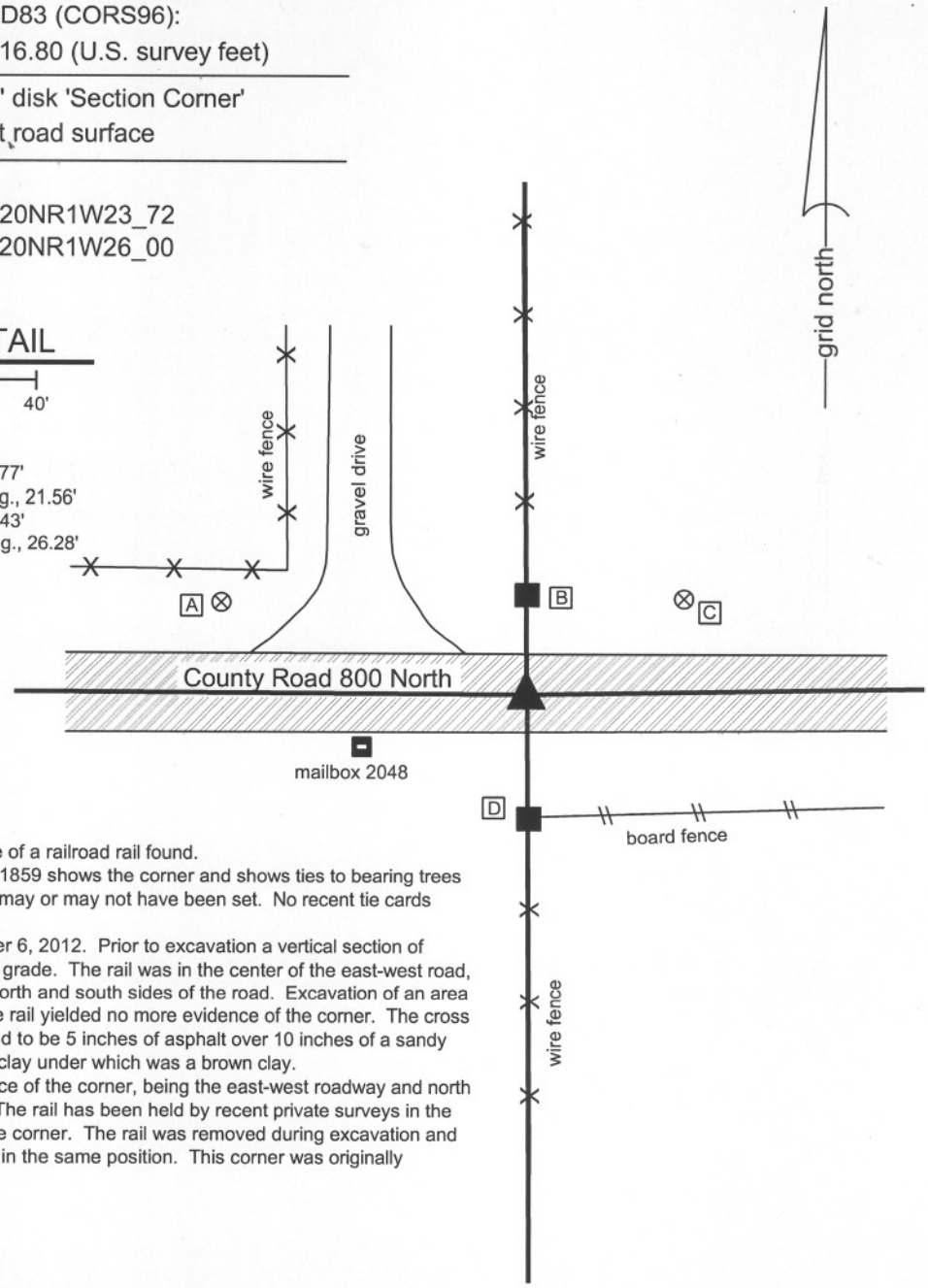
Type of monument: Harrison, 4" disk 'Section Corner'
Depth: One inch below adjacent road surface

Indiana tie card references:
IN02_T20NR1W22_80 IN02_T20NR1W23_72
IN02_T20NR1W27_08 IN02_T20NR1W26_00

CORNER WITNESS DETAIL

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

A - Boone County witness mark, flush, 68.77'
B - Mag nail set in E. side wood post, 1' a.g., 21.56'
C - Boone County witness mark, flush, 39.43'
D - Mag nail set in N. side wood post, 1' a.g., 26.28'



The harrison monument was set in place of a railroad rail found.
A record of A BCS record of August 25, 1859 shows the corner and shows ties to bearing trees but does not state what monumentation may or may not have been set. No recent tie cards have been found referencing this corner.
This corner was excavated on September 6, 2012. Prior to excavation a vertical section of railroad rail was found at 4 inches below grade. The rail was in the center of the east-west road, opposite the wood corner posts on the north and south sides of the road. Excavation of an area 5 feet N-S by 5 feet E-W centered on the rail yielded no more evidence of the corner. The cross section of the road at this point was found to be 5 inches of asphalt over 10 inches of a sandy gravel material over 10 inches of a blue clay under which was a brown clay.
The railroad rail fits with the local evidence of the corner, being the east-west roadway and north south fences on each side of the road. The rail has been held by recent private surveys in the vicinity. The rail was held as marking the corner. The rail was removed during excavation and was replaced with a harrison monument in the same position. This corner was originally established as a wood post in 1829.

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No.
20200054
STATE OF
INDIANA
LAND SURVEYOR

Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

James S. Swift
James S. Swift, IN LS 20200054
November 5, 2012

Washington Township

Section 22 T20N, R1W	Section 23 T20N, R1W
Section 27 T20N, R1W	Section 26 T20N, R1W