SECTION CORNER RECORD

NE 200-200

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):
North: 1756209.13 East: 3135148.89 (U.S. survey feet)

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

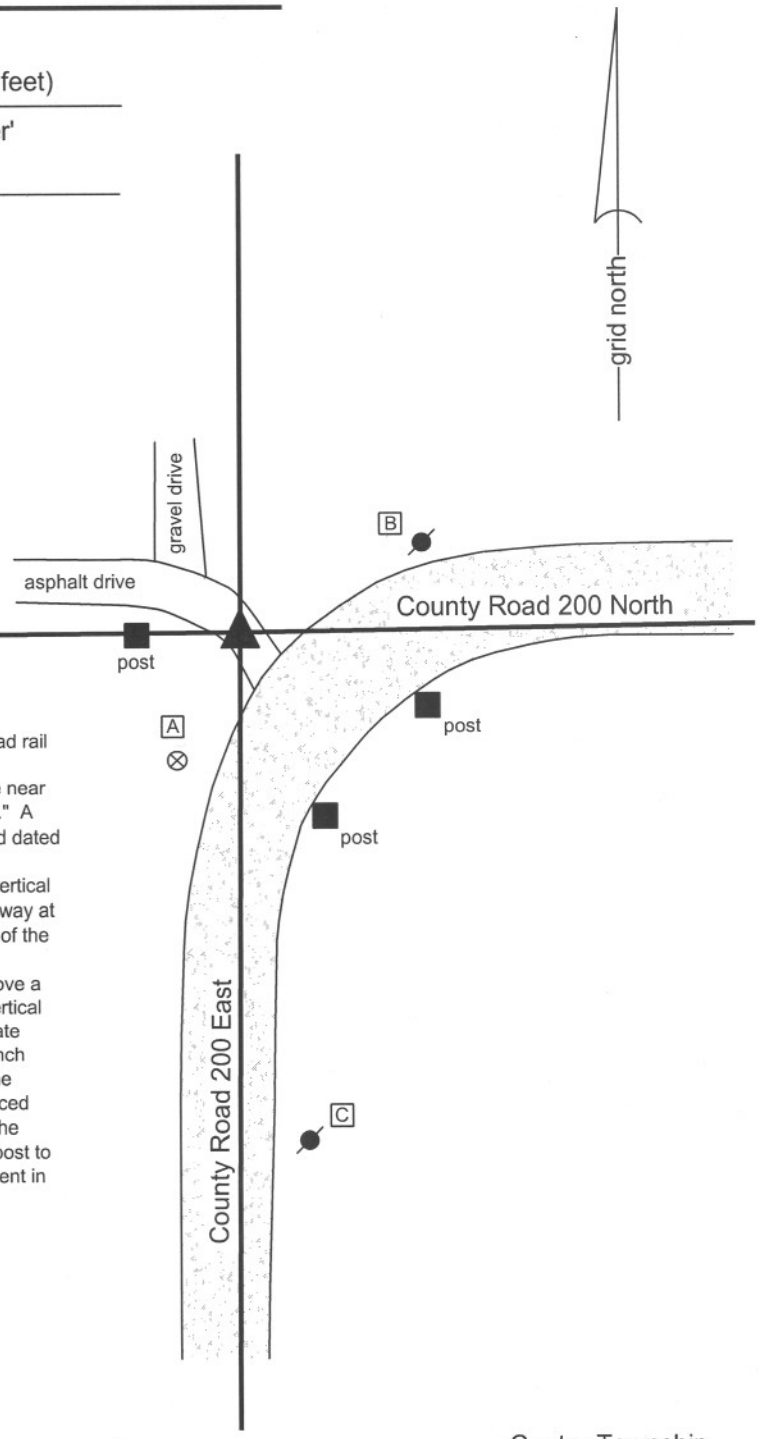
Indiana tie card references:
IN02_T19NR1E20_80 IN02_T19NR1E21_72
IN02_T19NR1E29_08 IN02_T19NR1E28_00

CORNER WITNESS DETAIL

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

A - Boone County witness mark, flush, 29.75'
B - Mag nail set in S.W. side power pole, 2' a.g., 40.36'
C - Mag nail set in N. side power pole, 2' a.g., 105.10'

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 vertical section of railroad rail found.
A BCS record dated October 29, 1868 states "Reestablished from the near Oak, the other down but here yet. Set Rock 13.12.5-1/2 in. marked +." A BCS tie card dated October 1975 states "Stone found. A BCS tie card dated July 27, 2005 shows the corner as a steel rail.
This corner was excavated on June 21, 2012. Prior to excavation a vertical section of railroad rail was found at 6 inches deep, in an asphalt driveway at a position which represents the extension of the approximate centers of the county road to the east and south. It is known that it was a common practice for BCS field crews in the late 1960s and early 1970s to remove a stone when found and replace it with a steel monument, typically a vertical section of railroad rail. The found section of steel rail is believed to date from the 1975 tie card, most likely in place of the found stone. A 15 inch diameter hole, centered on the rail, was excavated to 2 feet deep. The stone was not found and is believed to have been removed and replaced with the rail in 1975. The rail fits with local evidence of the corner in the form of the county roads to the east and south and an old wood end post to the west. The rail was removed and replaced with a harrison monument in the same position.
This corner was originally established as a wood post in June, 1822.

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

Kenneth E. Hedge, County Surveyor

James S. Swift, IN LS 20200054
January 15, 2013

Center Township

Section 20 T19N, R1E	Section 21 T19N, R1E
Section 29 T19N, R1E	Section 28 T19N, R1E

SECTION CORNER RECORD

NE 200-250

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):
North: 1756247.98 East: 3137794.89 (U.S. survey feet)

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

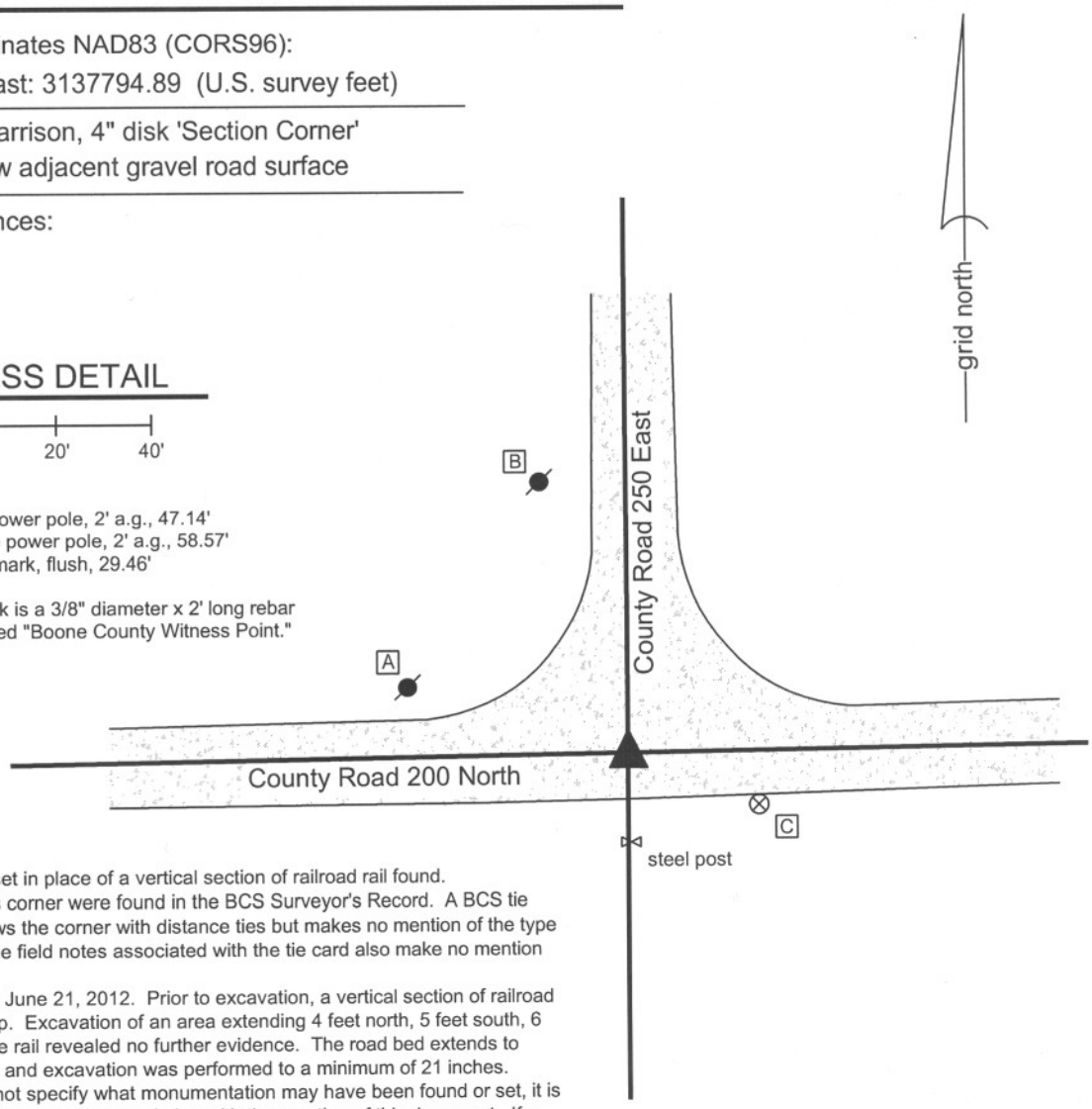
Indiana tie card references:
IN02_T19NR1E21_76
IN02_T19NR1E28_04

CORNER WITNESS DETAIL

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

A - Mag nail set in E. side power pole, 2' a.g., 47.14'
B - Mag nail set in S.E. side power pole, 2' a.g., 58.57'
C - Boone County witness mark, flush, 29.46'

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 place of a vertical section of railroad rail found.
No specific descriptions of this corner were found in the BCS Surveyor's Record. A BCS tie card dated May 12, 1967 shows the corner with distance ties but makes no mention of the type of monument found or set. The field notes associated with the tie card also make no mention of a monument.
This corner was excavated on June 21, 2012. Prior to excavation, a vertical section of railroad rail was found at 2 inches deep. Excavation of an area extending 4 feet north, 5 feet south, 6 feet east and 4 feet west of the rail revealed no further evidence. The road bed extends to approximately 18 inches deep and excavation was performed to a minimum of 21 inches.
While the 1967 tie card does not specify what monumentation may have been found or set, it is most likely that the railroad rail was set in association with the creation of this document. If a stone was found at that time, it would have likely been removed and replaced with the rail, as was the common practice of BCS field crews at that time.
The rail fits with local evidence in the form of the approximate centers of the county roads to the north, east and west and the field division to the south. The rail was held as marking the corner. The rail was removed during excavation and replaced in the same position with a harrison monument.
This corner was originally established as a wood post in June, 1821.

JAMES S SWIFT
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STATE OF
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Kenneth E. Hedge, County Surveyor

James S. Swift, IN LS 20200054
January 15, 2013

Center Twp

Section 21
T19N, R1E

Section 28
T19N, R1E

SECTION CORNER RECORD

NE 200-300

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):
North: 1756286.78 East: 3140437.82 (U.S. survey feet)

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

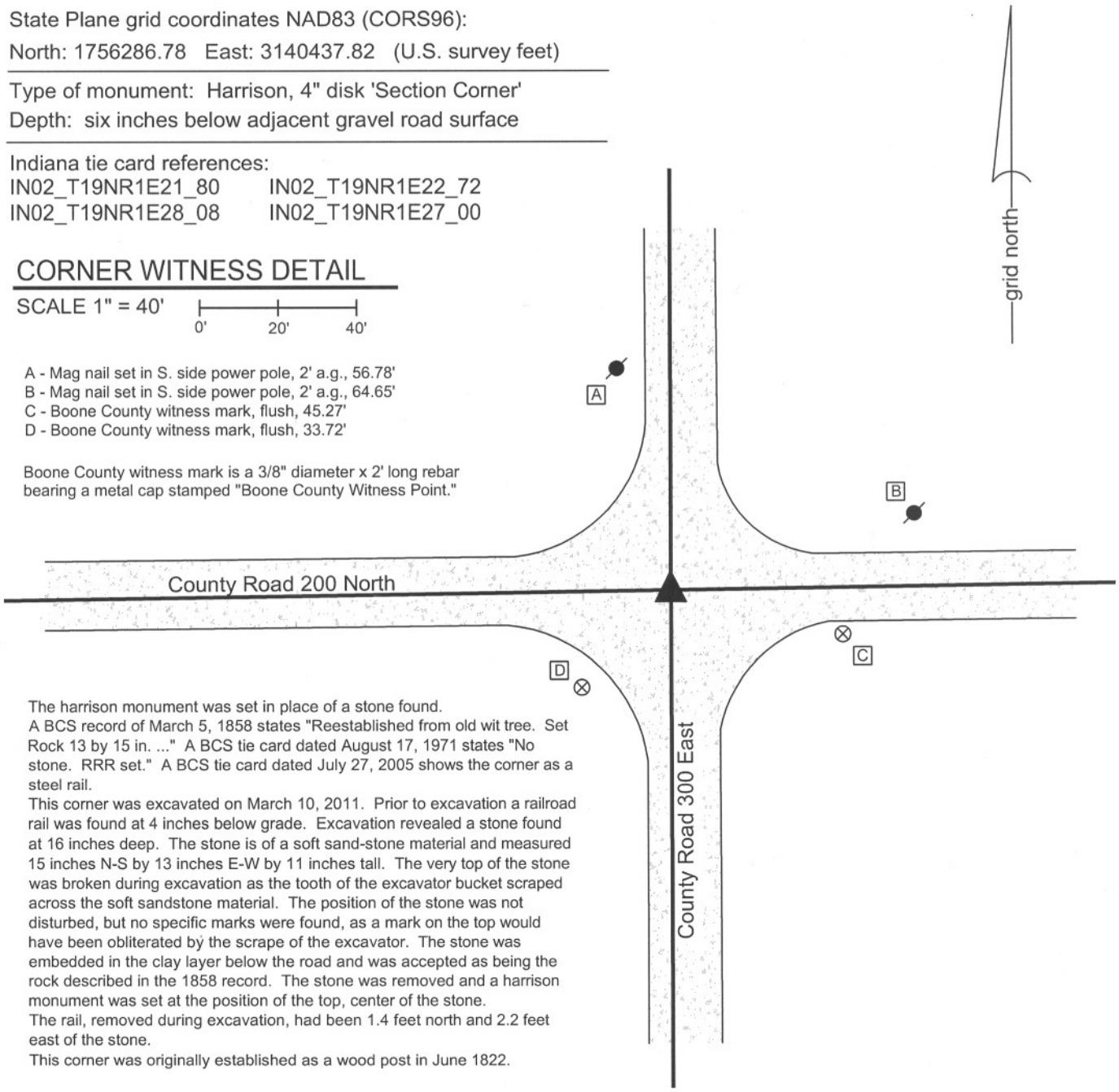
Indiana tie card references:
IN02_T19NR1E21_80 IN02_T19NR1E22_72
IN02_T19NR1E28_08 IN02_T19NR1E27_00

CORNER WITNESS DETAIL

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

A - Mag nail set in S. side power pole, 2' a.g., 56.78'
B - Mag nail set in S. side power pole, 2' a.g., 64.65'
C - Boone County witness mark, flush, 45.27'
D - Boone County witness mark, flush, 33.72'

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 stone found.
A BCS record of March 5, 1858 states "Reestablished from old wit tree. Set Rock 13 by 15 in. ..." A BCS tie card dated August 17, 1971 states "No stone. RRR set." A BCS tie card dated July 27, 2005 shows the corner as a steel rail.
This corner was excavated on March 10, 2011. Prior to excavation a railroad rail was found at 4 inches below grade. Excavation revealed a stone found at 16 inches deep. The stone is of a soft sand-stone material and measured 15 inches N-S by 13 inches E-W by 11 inches tall. The very top of the stone was broken during excavation as the tooth of the excavator bucket scraped across the soft sandstone material. The position of the stone was not disturbed, but no specific marks were found, as a mark on the top would have been obliterated by the scrape of the excavator. The stone was embedded in the clay layer below the road and was accepted as being the rock described in the 1858 record. The stone was removed and a harrison monument was set at the position of the top, center of the stone.
The rail, removed during excavation, had been 1.4 feet north and 2.2 feet east of the stone.
This corner was originally established as a wood post in June 1822.

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

Kenneth E. Hedge, County Surveyor

James S. Swift, IN LS 20200054
March 1, 2012

Center Township

Section 21 T19N, R1E	Section 22 T19N, R1E
Section 28 T19N, R1E	Section 27 T19N, R1E

BOONE COUNTY SURVEYOR'S OFFICE

NE 200-300

PHOTOGRAPHIC DOCUMENTATION
Date of photography: March 10, 2011

View of the stone from the north, looking south along County Road 300 East.

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

SECTION CORNER RECORD

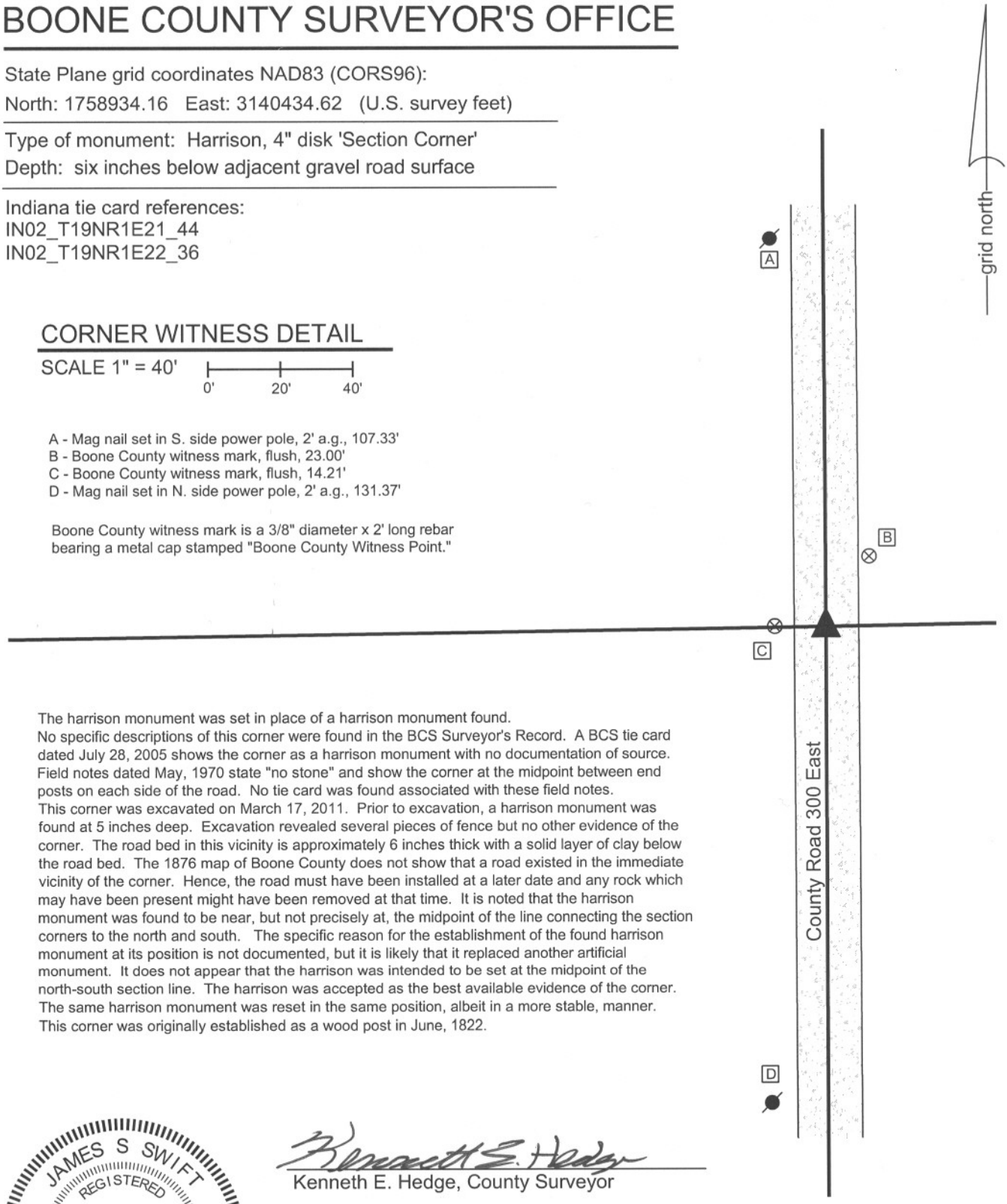
NE 250-300

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):
North: 1758934.16 East: 3140434.62 (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_T19NR1E21_44
IN02_T19NR1E22_36



CORNER WITNESS DETAIL

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

A - Mag nail set in S. side power pole, 2' a.g., 107.33'
B - Boone County witness mark, flush, 23.00'
C - Boone County witness mark, flush, 14.21'
D - Mag nail set in N. side power pole, 2' a.g., 131.37'

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.
No specific descriptions of this corner were found in the BCS Surveyor's Record. A BCS tie card dated July 28, 2005 shows the corner as a harrison monument with no documentation of source. Field notes dated May, 1970 state "no stone" and show the corner at the midpoint between end posts on each side of the road. No tie card was found associated with these field notes.
This corner was excavated on March 17, 2011. Prior to excavation, a harrison monument was found at 5 inches deep. Excavation revealed several pieces of fence but no other evidence of the corner. The road bed in this vicinity is approximately 6 inches thick with a solid layer of clay below the road bed. The 1876 map of Boone County does not show that a road existed in the immediate vicinity of the corner. Hence, the road must have been installed at a later date and any rock which may have been present might have been removed at that time. It is noted that the harrison monument was found to be near, but not precisely at, the midpoint of the line connecting the section corners to the north and south. The specific reason for the establishment of the found harrison monument at its position is not documented, but it is likely that it replaced another artificial monument. It does not appear that the harrison was intended to be set at the midpoint of the north-south section line. The harrison was accepted as the best available evidence of the corner. The same harrison monument was reset in the same position, albeit in a more stable, manner. This corner was originally established as a wood post in June, 1822.

JAMES S SWIFT
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LAND SURVEYOR

Kenneth E. Hedge, County Surveyor

James S. Swift, IN LS 20200054
March 1, 2012

Center Township

Section 21 T19N, R1E	Section 22 T19N, R1E

SECTION CORNER RECORD

NE 300-250

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):
North: 1761542.30 East: 3137774.25 (U.S. survey feet)

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

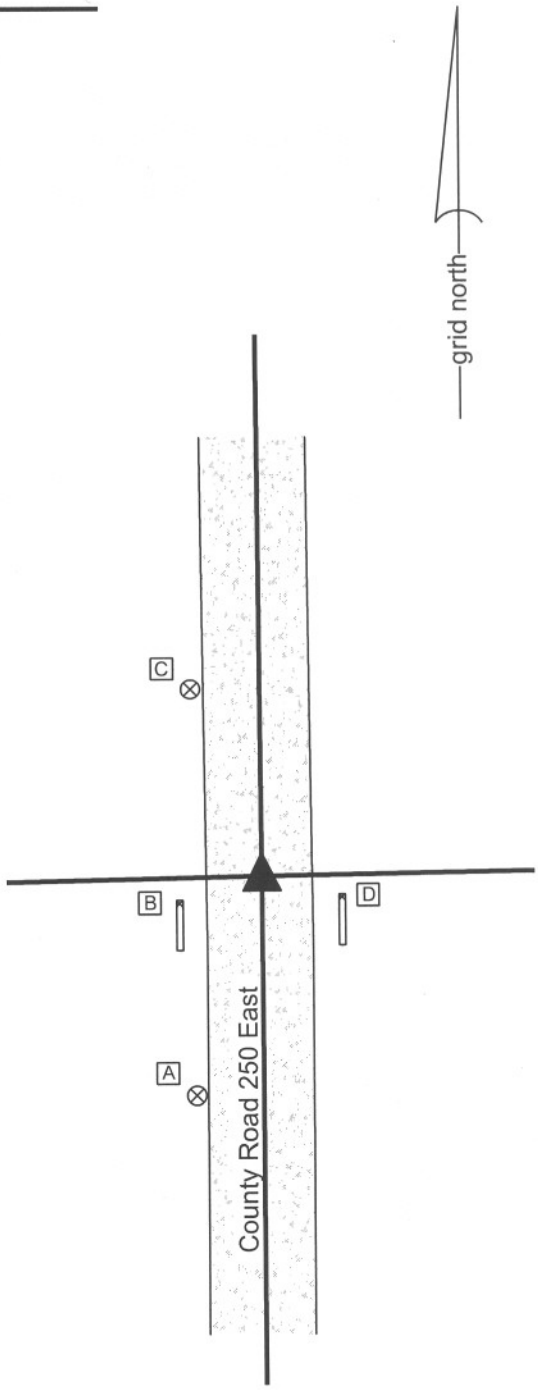
Indiana tie card references:
IN02_T19NR1E16_76
IN02_T19NR1E21_04

CORNER WITNESS DETAIL

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

A - Boone County witness mark, flush, 35.88'
B - Chiseled "X" on concrete headwall, 13.59'
D - Boone County witness mark, flush, 31.15'
C - Chiseled "X" on concrete headwall, 12.97'

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 vertical section of railroad rail found. No specific descriptions of this corner were found in the BCS Surveyor's Record. A BCS tie card dated May, 1970 states "No Stone, Set Rail." A BCS tie card dated August 19, 2005 shows the corner as a steel rail.
This corner was excavated on June 19, 2012. Prior to excavation a railroad rail was found at 4 inches deep in the center of the gravel road. The positon of the rail fits with the 2005 distance ties. Excavation of an area extending 5 feet north, 3 feet south, 4 feet east and 4 feet west of the rail revealed no further evidence of the corner. It is noted that a drainage culvert lies immediately south of the corner. This area may have been low and occassionally muddy as a wagon road, prior to the installation of the culvert. A stone or other specific evidence of the corner may have been removed due to the possible low, muddy quality of the road or such evidence may have been removed in conjunction with the installation of the culvert. Given the lack of detail in the BCS Surveyor's record, it is also reasonable to conclude that a stone may never have been present at this corner.
The 1970 tie card shows the rail as being set at the midpoint between posts on either side of the road. The posts are no longer present, but the rail remains as the best available evidence of the corner and was held as marking it. 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 June, 1821.

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

Kenneth E. Hedge, County Surveyor

James S. Swift, IN LS 20200054
January 15, 2013

Center Twp

Section 16
T19N, R1E

Section 21
T19N, R1E

SECTION CORNER RECORD

NE 300-300

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):
North: 1761579.91 East: 3140427.34 (U.S. survey feet)

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

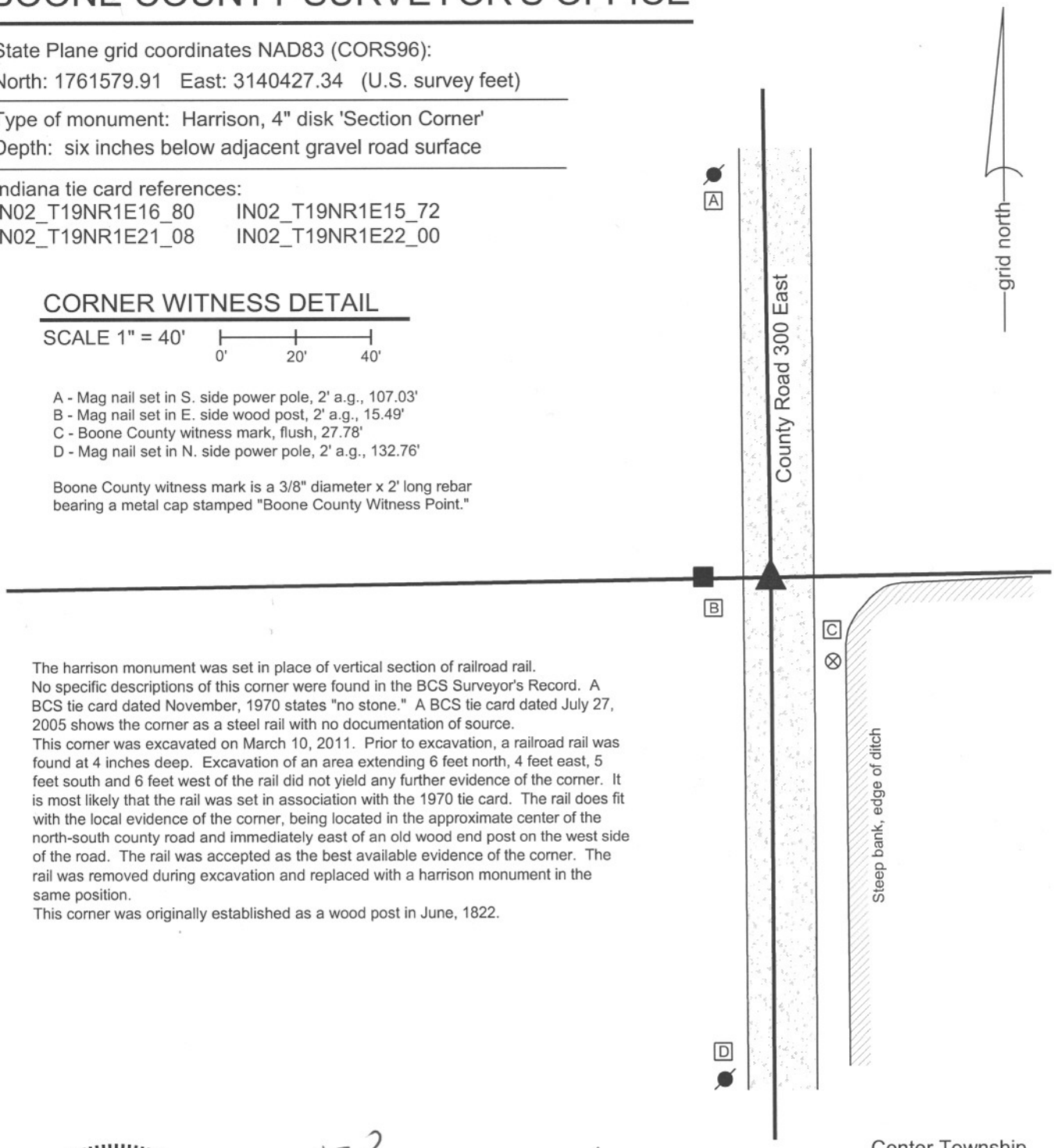
Indiana tie card references:
IN02_T19NR1E16_80 IN02_T19NR1E15_72
IN02_T19NR1E21_08 IN02_T19NR1E22_00

CORNER WITNESS DETAIL

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

A - Mag nail set in S. side power pole, 2' a.g., 107.03'
B - Mag nail set in E. side wood post, 2' a.g., 15.49'
C - Boone County witness mark, flush, 27.78'
D - Mag nail set in N. side power pole, 2' a.g., 132.76'

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 vertical section of railroad rail.
No specific descriptions of this corner were found in the BCS Surveyor's Record. A BCS tie card dated November, 1970 states "no stone." A BCS tie card dated July 27, 2005 shows the corner as a steel rail with no documentation of source.
This corner was excavated on March 10, 2011. Prior to excavation, a railroad rail was found at 4 inches deep. Excavation of an area extending 6 feet north, 4 feet east, 5 feet south and 6 feet west of the rail did not yield any further evidence of the corner. It is most likely that the rail was set in association with the 1970 tie card. The rail does fit with the local evidence of the corner, being located in the approximate center of the north-south county road and immediately east of an old wood end post on the west side of the road. The rail was accepted as the best available evidence of the corner. The rail was removed during excavation and replaced with a harrison monument in the same position.
This corner was originally established as a wood post in June, 1822.

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
March 1, 2012

Center Township

Section 16 T19N, R1E	Section 15 T19N, R1E
Section 21 T19N, R1E	Section 22 T19N, R1E