

SECTION CORNER RECORD

SE 200-400

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (NSRS 2007):
North: 1735548.72 East: 3145851.54 (U.S. survey feet)

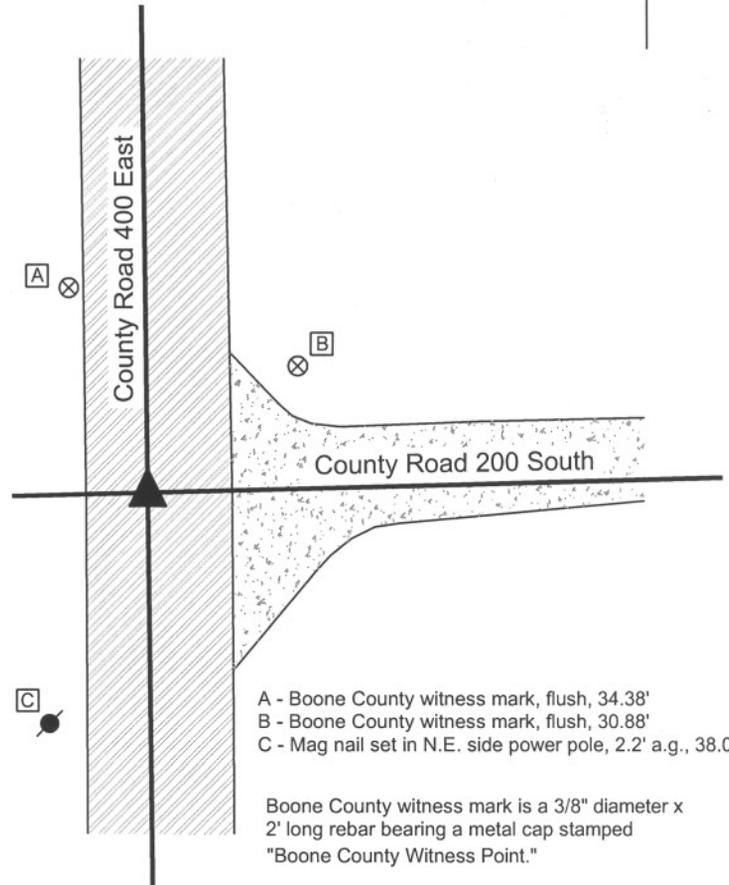
Type of monument: Harrison, 4" disk 'Section Corner'
Depth: One inch below adjacent road surface

Indiana tie card references:
IN02_T18NR1E10_80 IN02_T18NR1E11_72
IN02_T18NR1E14_00 IN02_T18NR1E15_08

CORNER WITNESS DETAIL

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

The harrison monument was set in the position of a harrison monument found above a railroad rail.
A BCS record of September 21, 1868 states "Reestablished from stump of Oak. Set stake." A BCS record of March 24-25, 1913 states "Set rock 7x14x16 +". A BCS tie card dated November, 1970 states "no stone" and shows an "R" at the position of the corner, likely indicating a railroad rail. A BCS tie card dated October 21, 2005 calls for a harrison monument with no documentation of source.
This corner was excavated on June 10, 2008. Prior to excavation the harrison monument was visible 1 inch below the surrounding road surface. The rail was found at 8 inches deep, below the harrison. A stone was found at 9 inches deep, east of the rail. The stone measures approximately the record dimensions of 7x14x16, though no specific markings were discernable. The stone was found lying horizontally (as opposed to the typical vertical position of stones set by county surveyors in that era) at the top of the clay layer, within the gravel base of the road. The stone was not embedded in the clay. It appeared that the stone may have been disturbed in its position, presumably by a road grader. Minimal certainty could be attached to the situation of the stone with respect to depth, stability and markings. While the 1970 record was erroneous in the statement "no stone" it was observed that the rail had been placed essentially along the west side of the stone. The rail was as close to the stone as the stone may have been to its original position. Given the uncertainties with respect to the stone and the general acceptance of the rail as the corner, the rail was held as marking the corner and the harrison was set in the position of the rail and previous harrison. The stone was removed.
This corner was originally established as a wood post in June, 1820.



- A - Boone County witness mark, flush, 34.38'
- B - Boone County witness mark, flush, 30.88'
- C - Mag nail set in N.E. side power pole, 2.2' a.g., 38.00'

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



Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

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

March 11, 2009

Center Twp	Worth Twp
Section 10 T18N, R1E	Section 11 T18N, R1E
Section 15 T18N, R1E	Section 14 T18N, R1E

SECTION CORNER RECORD

SE 200-450

BOONE COUNTY SURVEYOR'S OFFICE

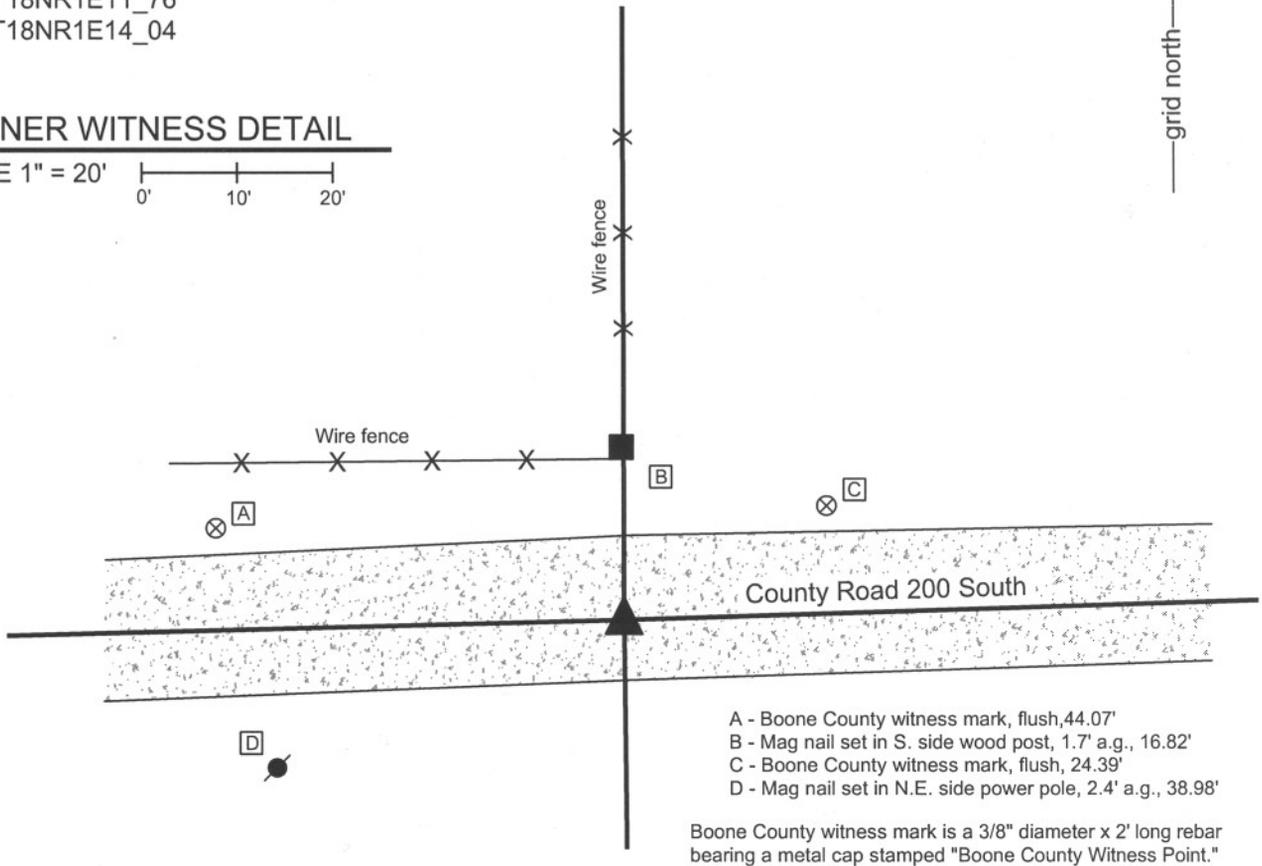
State Plane grid coordinates NAD83 (NSRS 2007):
North: 1735615.68 East: 3148499.20 (U.S. survey feet)

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

Indiana tie card references:
IN02_T18NR1E11_76
IN02_T18NR1E14_04

CORNER WITNESS DETAIL

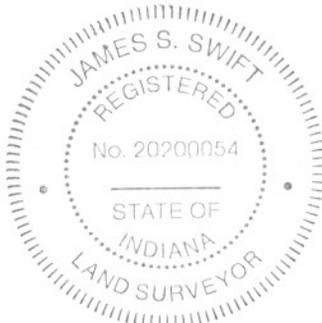
SCALE 1" = 20'
0' 10' 20'



- A - Boone County witness mark, flush, 44.07'
- B - Mag nail set in S. side wood post, 1.7' a.g., 16.82'
- C - Boone County witness mark, flush, 24.39'
- D - Mag nail set in N.E. side power pole, 2.4' a.g., 38.98'

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 18, 1899 states "Reestablished, Rock 11x9x13 +. Top rock 8x10x16 +." A BCS tie card of November 1970 states "No stone - set rail." A BCS tie card of November 2, 2005 calls for a steel rail. This corner was excavated on June 10, 2008. Prior to excavation, the steel rail was known to exist at 3 inches deep in the gravel road. Excavation revealed the record lower stone at 15 inches deep, completely embedded in the clay. The stone has a "+" etched on the top and measures 11 inches NE-SW by 9 inches NW-SE. The top 11 inches of the stone were exposed and encased in concrete within a 12 inch diameter smooth core plastic storm pipe set vertically over the stone. The harrison monument was set within the same pipe, directly over the "+" on the stone, 8 inches below the surface of the gravel road. The rail (removed during excavation) had been driven along the northwest edge of the stone. The top of the rail was 0.6 foot north and 0.4 foot west of the "+" on the stone. This corner was originally established as a wood post in June, 1820.

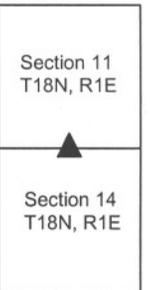


Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

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

March 11, 2009

Worth Twp



PHOTOGRAPHIC DOCUMENTATION

Date of photography: June 10, 2008

Corner stone - overhead view from North



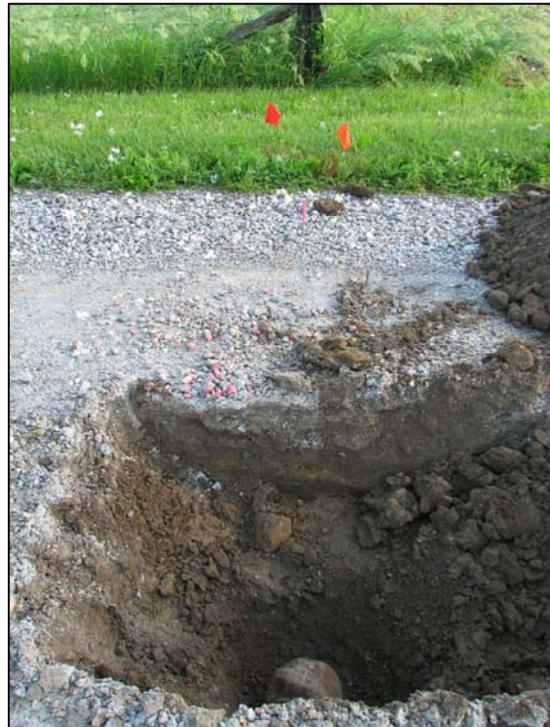
Same picture as to left with etched "+" on stone enhanced for visual detection.



Overhead view from West.



View from South looking over stone to wood corner post.



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

SECTION CORNER RECORD

SE 200-500

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (NSRS 2007):
 North: 1735696.96 East: 3151149.53 (U.S. survey feet)

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

Indiana tie card references:
 IN02_T18NR1E11_80 IN02_T18NR1E12_76
 IN02_T18NR1E14_08 IN02_T18NR1E13_00

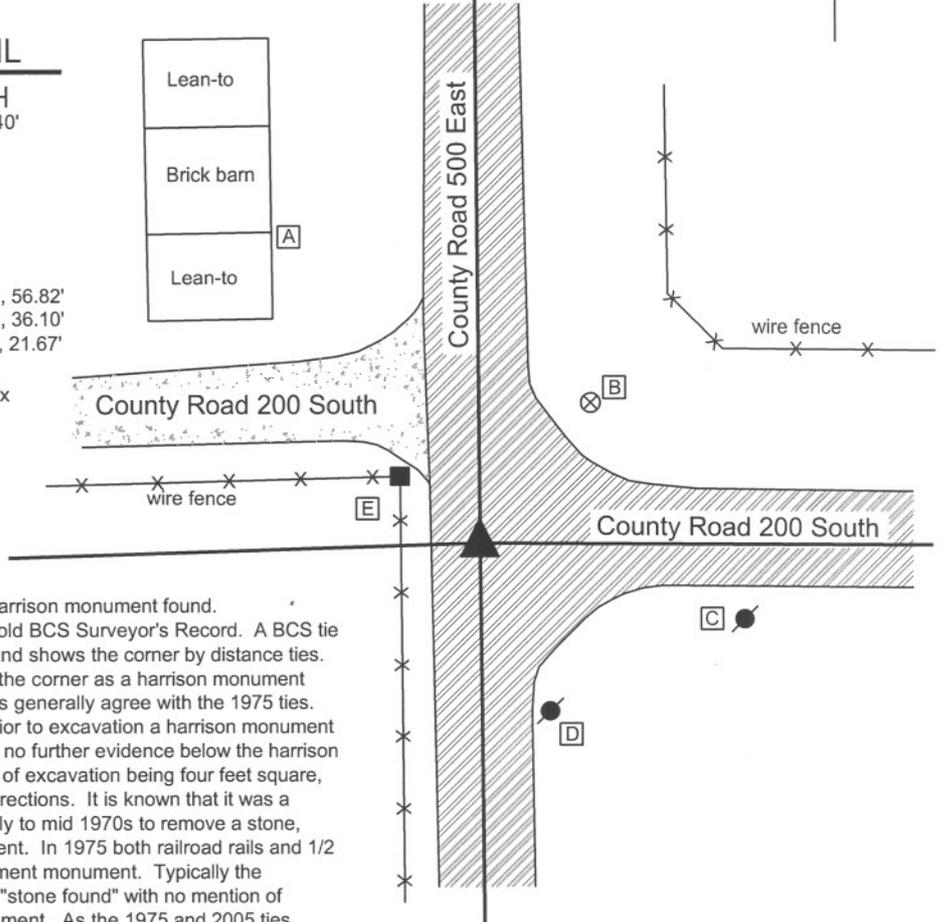


CORNER WITNESS DETAIL

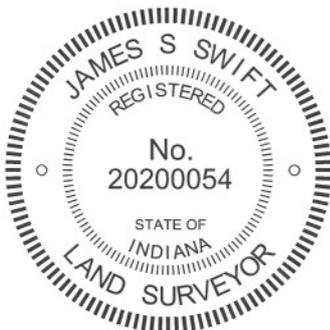
SCALE 1" = 40'

- A - S.E. corner, brick portion of barn, 78.00'
- B - Boone County witness mark, flush 37.15'
- C - Mag nail set in N. side power pole, 2.0' a.g., 56.82'
- D - Mag nail set in N. side power pole, 2.0' a.g., 36.10'
- E - Mag nail set in E. side power pole, 1.8' a.g., 21.67'

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

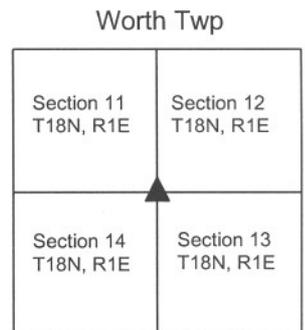


The harrison monument was set in place of a harrison monument found. This corner is not specifically mentioned in the old BCS Surveyor's Record. A BCS tie card dated August, 1975 states "stone found" and shows the corner by distance ties. A BCS tie card dated October 15, 2005 shows the corner as a harrison monument with no documentation of source. The 2005 ties generally agree with the 1975 ties. This corner was excavated on July 9, 2008. Prior to excavation a harrison monument was found at the surface. Excavation revealed no further evidence below the harrison monument, nor any further evidence in an area of excavation being four feet square, centered on the harrison, oriented in cardinal directions. It is known that it was a common practice for BCS field crews in the early to mid 1970s to remove a stone, when found and replace it with a metal monument. In 1975 both railroad rails and 1/2 inch diameter rebars were used as the replacement monument. Typically the documentation for such an event simply states "stone found" with no mention of removing the stone or establishing a new monument. As the 1975 and 2005 ties generally agree, it is assumed that the harrison monument was set in place of a monument which was set in place of the stone, which was removed. The previous harrison was replaced with a new harrison monument at the same position. This corner was originally established as a wood post in 1820.



Kenneth E. Hedge
 Kenneth E. Hedge, County Surveyor

James S. Swift
 James S. Swift, IN LS 20200054
 March 11, 2009, revised March, 2012



SECTION CORNER RECORD

BOONE COUNTY SURVEYOR'S OFFICE

SE 250-400

State Plane grid coordinates NAD83 (NSRS 2007):
 North: 1732892.10 East: 3145880.76 (U.S. survey feet)

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

Indiana tie card references:
 IN02_T18NR1E14_36
 IN02_T18NR1E15_44

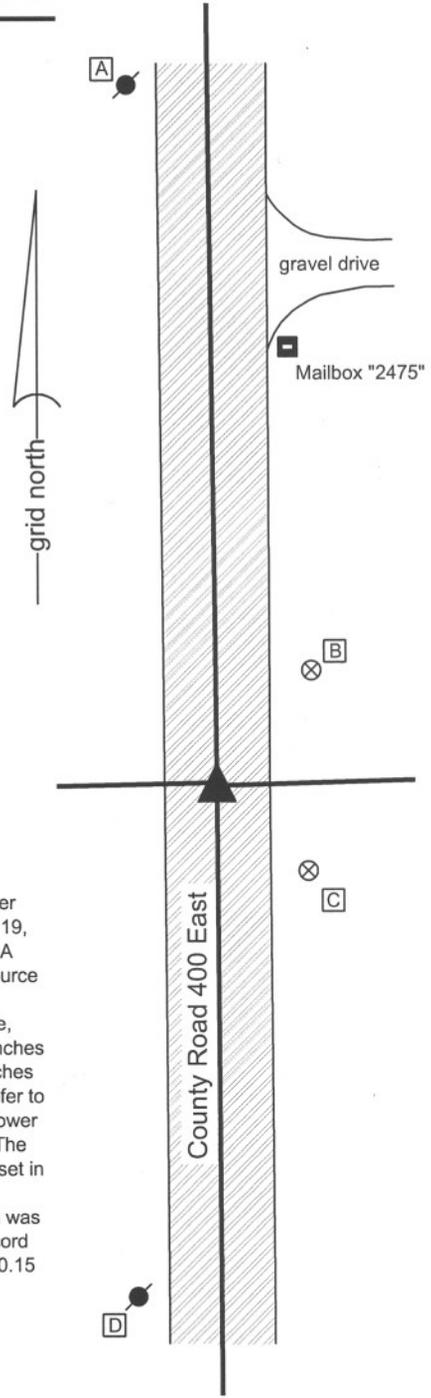
CORNER WITNESS DETAIL

SCALE 1" = 40'

- A - Mag nail set in SE side power pole, 2' a.g., 145.8'
- B - Boone County witness mark, flush 31.22'
- C - Boone County witness mark, flush, 26.20'
- D - Mag nail set in NE side power pole, 2' a.g., 106.4'

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 railroad rail found.
 A BCS record of March 6, 1882 states "Found from original witness tree. Found stake. Corner Rock marked + Wit rock mark W East 25 links. West 25 links." A BCS tie card dated March 19, 1968 states "found stone" and shows an "R" at the corner, likely indicating a railroad rail set. A BCS tie card dated November 29, 2005 shows the corner as a harrison monument with no source documentation.
 This corner was excavated on June 11, 2008. A harrison monument was found at the surface, disturbed and leaning towards the north. Excavation revealed an iron pipe approximately 6 inches deep 0.25 foot N and 0.3 foot W of the harrison. Excavation also revealed a railroad rail 9 inches deep 0.55 foot S and 0.15 foot E of the harrison. Both monuments were removed. Please refer to the attached photographic documentaion. The harrison had been situated between the two lower monuments, approximately in the middle. Further excavation yielded no more monuments. The record stone was not found. It is most likely that the stone was removed in 1968 and the rail set in its position, as was a common practice by BCS field crews at that time. This conclusion is supported by the "R" noted next to the corner. With no documentation as to why the harrison was set where it was, the railroad rail was accepted as the best evidence of the location of the record stone. The new harrison monument was set in place of the railroad rail, 0.55 foot South and 0.15 foot East of the previous, disturbed harrison from 2005.
 This corner was originally established as a wood post in June, 1820.



Kenneth E. Hedge
 Kenneth E. Hedge, County Surveyor

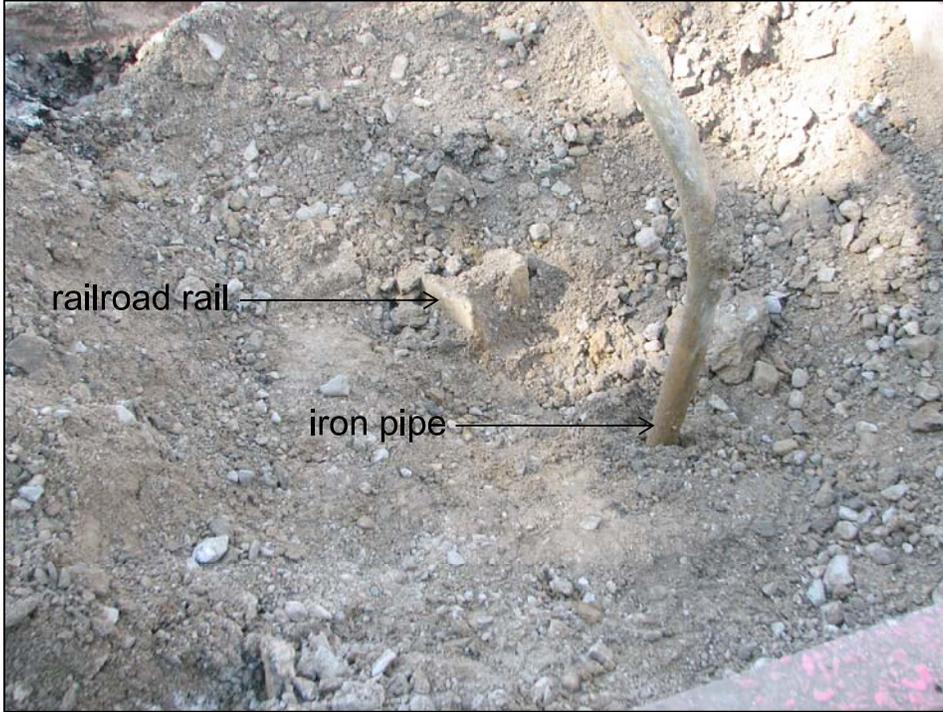
James S. Swift
 James S. Swift, IN LS 20200054
 March 11, 2009

Center Twp	Worth Twp
Section 15 T18N, R1E	Section 14 T18N, R1E

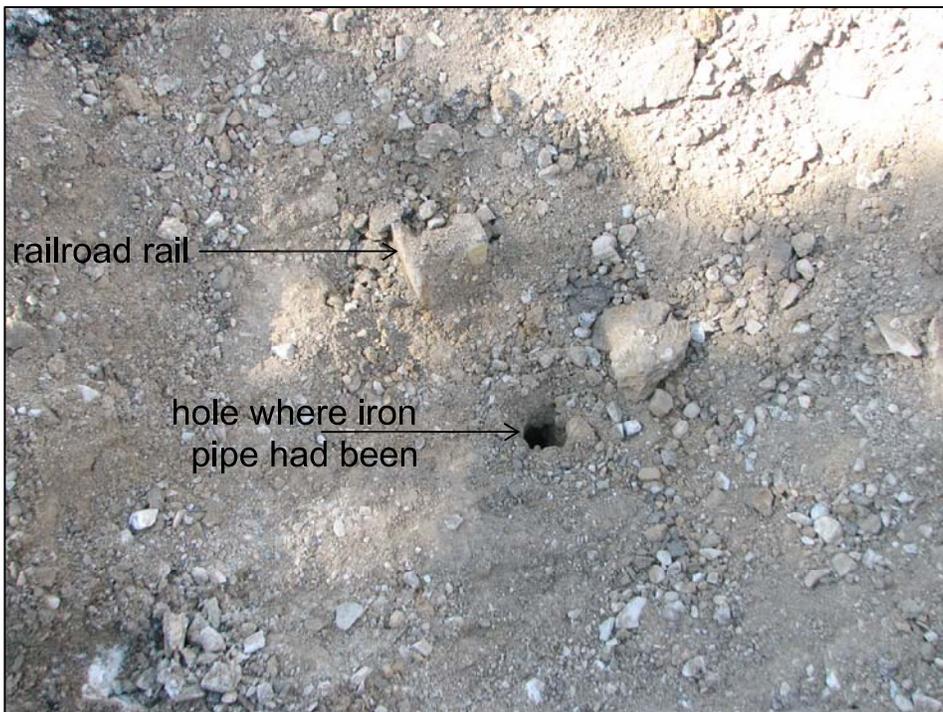
PHOTOGRAPHIC DOCUMENTATION

Date of photography: June 11, 2008

Photograph of the existing iron pipe and railroad rail.
Note, the pipe was bent during excavation.



Photograph of the railroad rail and the hole in which the pipe was situated. The Harrison monument set in 2005 was between the two monuments. As noted on the other sheet, the new Harrison monument was set in the position of the railroad rail.



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

SECTION CORNER RECORD

SE 250-500

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (NSRS 2007):

North: 1733038.80 East: 3151176.18 (U.S. survey feet)

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

Depth: One inch below adjacent road surface

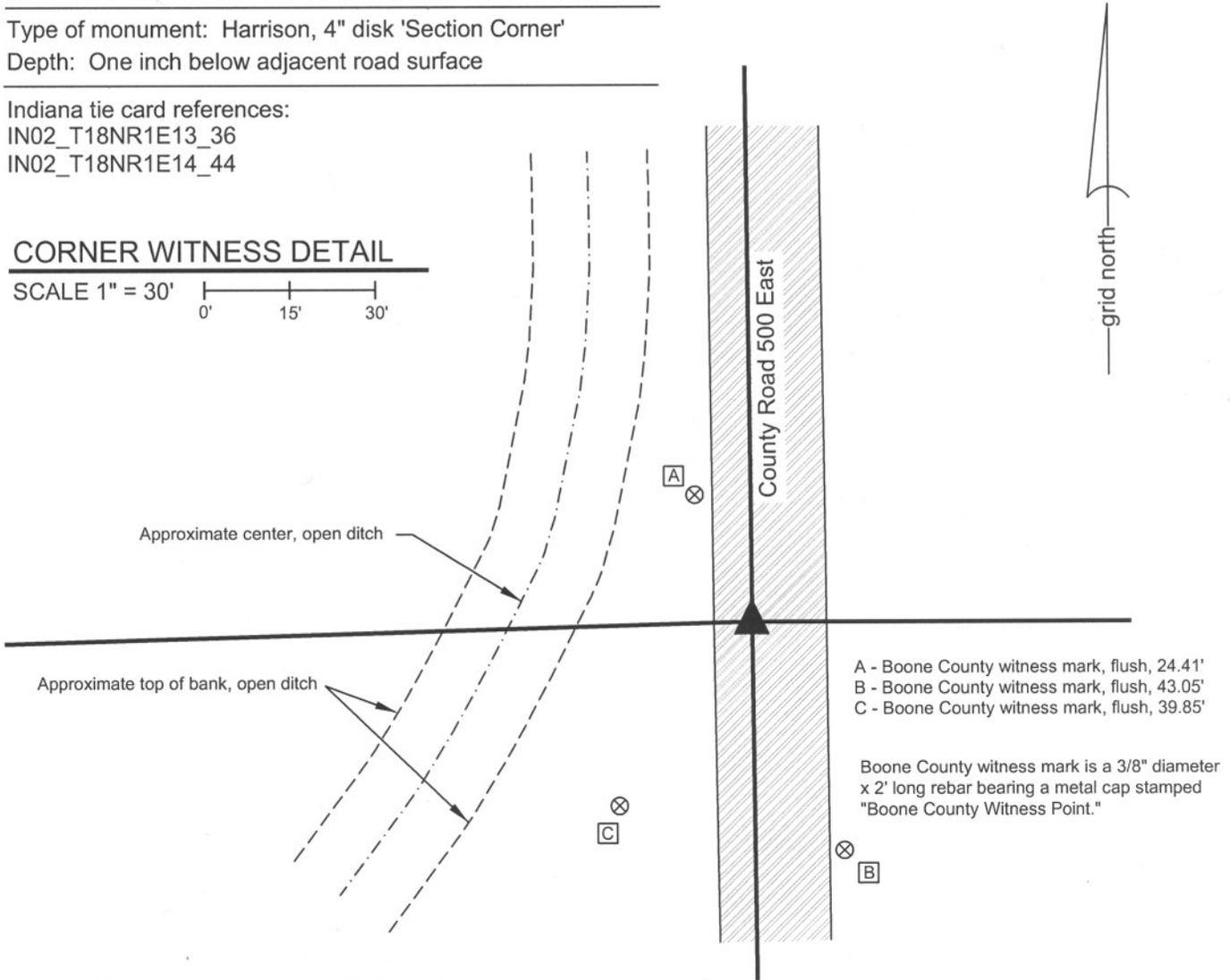
Indiana tie card references:

IN02_T18NR1E13_36

IN02_T18NR1E14_44

CORNER WITNESS DETAIL

SCALE 1" = 30'



- A - Boone County witness mark, flush, 24.41'
- B - Boone County witness mark, flush, 43.05'
- C - Boone County witness mark, flush, 39.85'

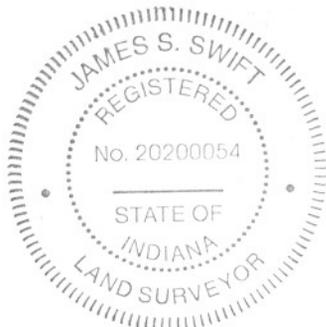
Boone County witness mark is a 3/8" diameter x 2' long rebar bearing a metal cap stamped "Boone County Witness Point."

The harrison monument was set in place of a railroad rail found.

A BCS record of December 19, 1873 states "Reestablished. South West swamp ash as before. Set a Rock 16,9,7." A BCS record of November 28, 1893 states "Reset Rock (See H, Sect. 13)" A BCS tie card dated September 1975 states "Found 2 stone. One on top of the other."

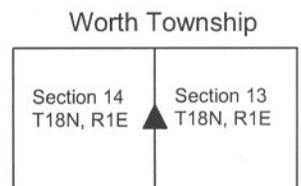
This corner was excavated on June 16, 2008. Prior to excavation, a railroad rail was known to be present, 14 inches deep in a hole in the asphalt. Excavation yielded no more monuments. No stones were found and it is considered most likely that the stones were removed and the rail installed in 1974. The 1974 tie card does not describe the size, markings or depth of the stones so it is not clear why two stones were present when the previous records only mention one. The base of an old wood post, 12 inches by 12 inches, was found preserved in the clay layer, approximately 18 inches deep. The south edge of the post was 18 inches north of the railroad rail. The harrison monument was set in the position of the rail.

This corner was originally established as a wood post in June, 1820.



Kenneth E. Hedge
Kenneth E. Hedge, County Surveyor

James S. Swift
James S. Swift, IN LS 20200054
March 11, 2009



SECTION CORNER RECORD

SE 300-400

BOONE COUNTY SURVEYOR'S OFFICE

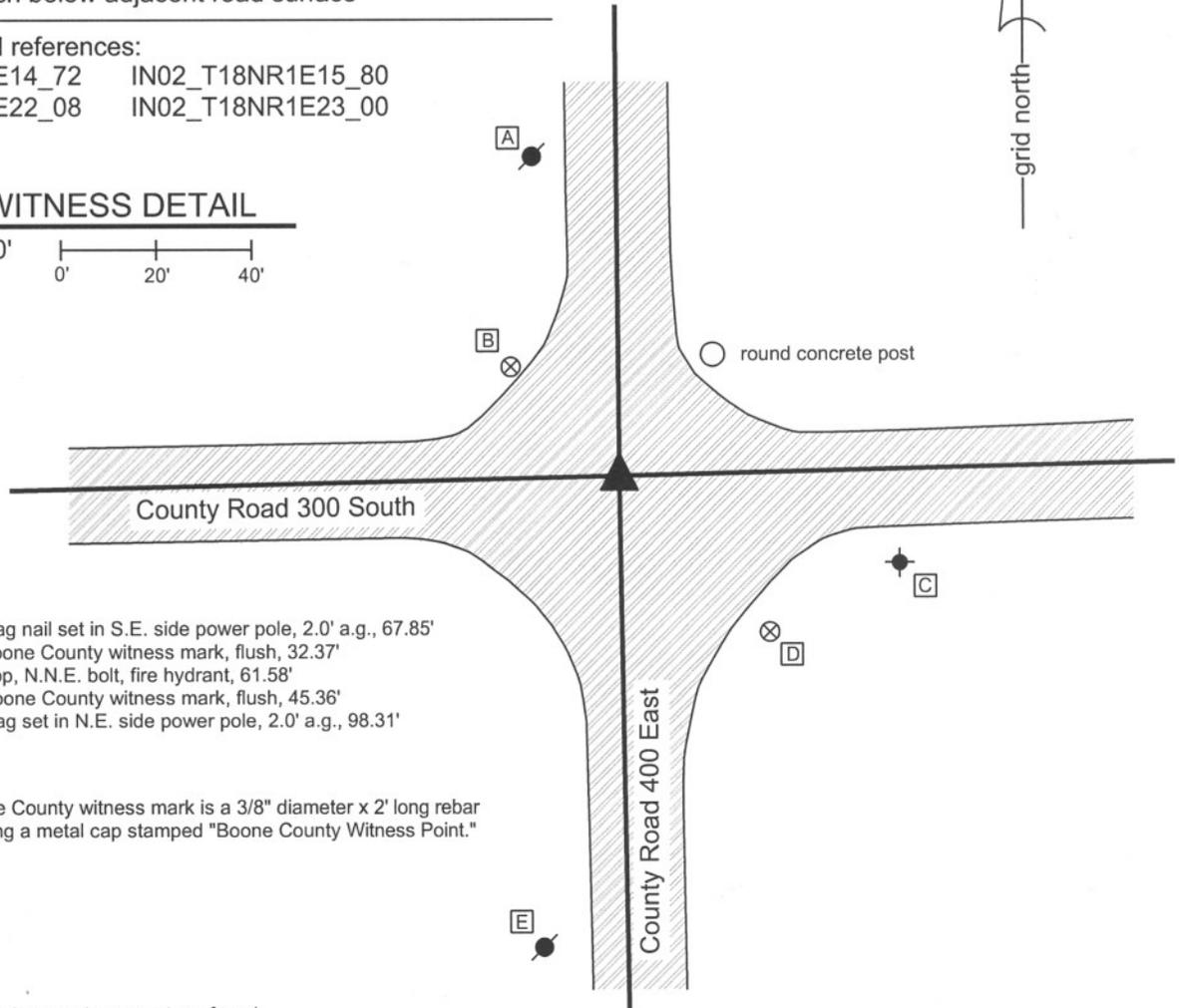
State Plane grid coordinates NAD83 (NSRS 2007):
 North: 1730242.88 East: 3145898.82 (U.S. survey feet)

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

Indiana tie card references:
 IN02_T18NR1E14_72 IN02_T18NR1E15_80
 IN02_T18NR1E22_08 IN02_T18NR1E23_00

CORNER WITNESS DETAIL

SCALE 1" = 40'

- A - Mag nail set in S.E. side power pole, 2.0' a.g., 67.85'
- B - Boone County witness mark, flush, 32.37'
- C - Top, N.N.E. bolt, fire hydrant, 61.58'
- D - Boone County witness mark, flush, 45.36'
- E - Mag set in N.E. side power pole, 2.0' a.g., 98.31'

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 October 29, 1873 states "Reestablished from stump of Red Oak. Set Two Rocks. One 8,5 1/2,4. Top one 11,9,5 1/2 +." A BCS tie card with no date states "No stone. Set temporary 1 1/4" pipe." A BCS tie card dated October 25, 2005 shows the corner as a harrison monument with no documentation about the source. This corner was excavated on June 18, 2008. Prior to excavation, a harrison monument was visible at the surface. Excavation revealed a railroad rail below the harrison at 12 inches deep. A second railroad rail was found at 10 inches deep 1.0 foot North and 0.5 feet E of the first rail. No explanation is offered as to why two railroad rails were present at the intersection. The record stone was found at 23 inches deep. The stone measures 9 inches E-W by 5 1/2 inches N-S by 11 inches tall. The etched "+" is clearly visible on the south side of the sloping top of the stone. Refer to the attached sheet for photographic documentation of the rails and record stone. The new harrison was set over the top of the stone. The previously existing harrison and both rails were removed during excavation. The previous harrison had been 2.4 feet south and 1.8 feet east of the record stone.



Kenneth E. Hedge
 Kenneth E. Hedge, County Surveyor

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

March 11, 2009

Center Township

Perry Township

Worth Twp

Section 15 T18N, R1E	Section 14 T18N, R1E
Section 22 T18N, R1E	Section 23 T18N, R1E

PHOTOGRAPHIC DOCUMENTATION

Date of photography: June 18, 2008

Two railroad rails found approximately 1.3 feet apart. See other sheet for information.



Corner stone - overhead view from South.



Corner stone. Close up view.



View from the South looking North across the stone and along County Road 400 East.



View from the West looking East across the stone and along County Road 300 South.



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

SECTION CORNER RECORD

SE 300-450

BOONE COUNTY SURVEYOR'S OFFICE

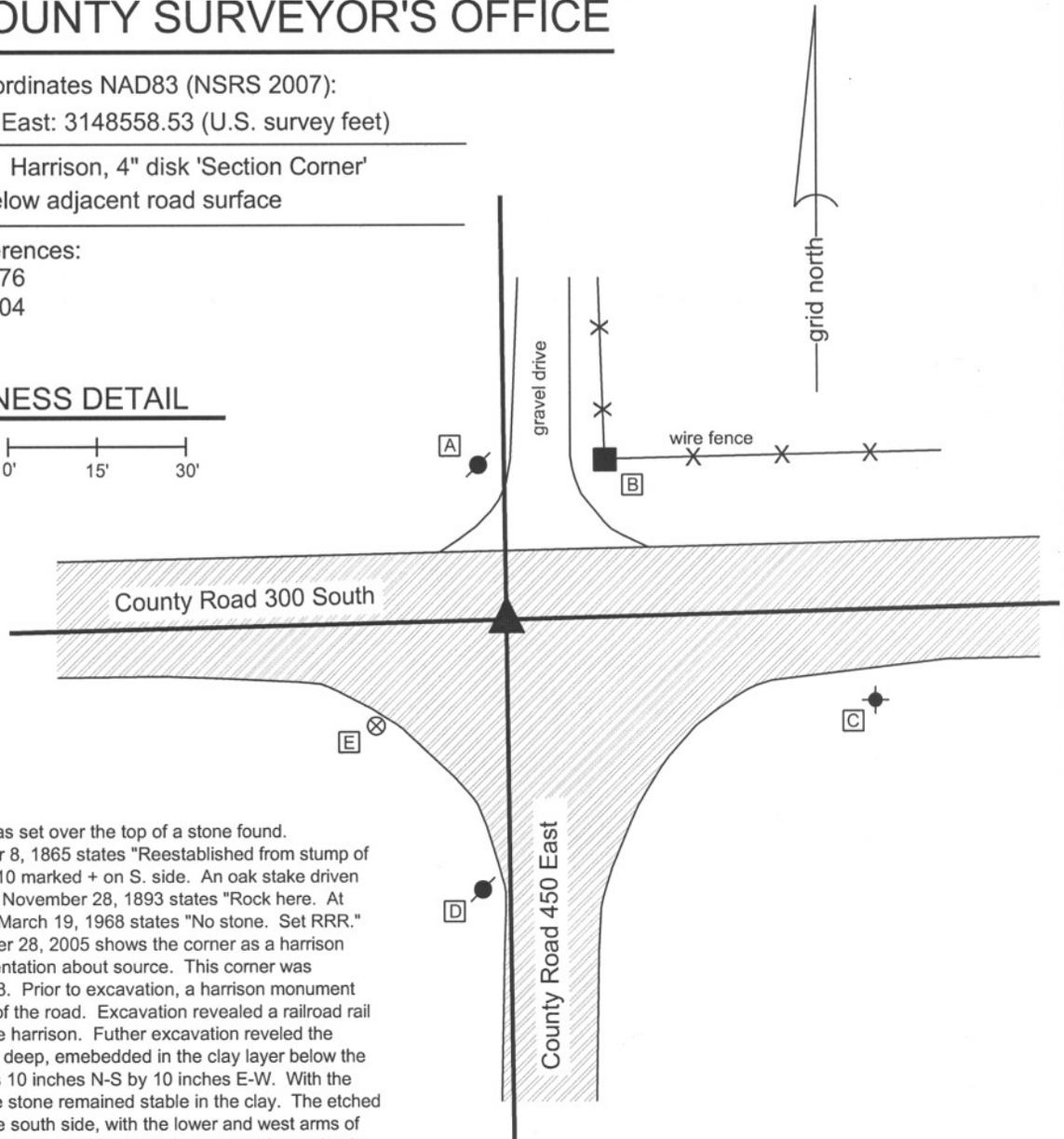
State Plane grid coordinates NAD83 (NSRS 2007):
 North: 1730306.65 East: 3148558.53 (U.S. survey feet)

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

Indiana tie card references:
 IN02_T18NR1E14_76
 IN02_T18NR1E23_04

CORNER WITNESS DETAIL

SCALE 1" = 30'



The harrison monument was set over the top of a stone found. A BCS record of December 8, 1865 states "Reestablished from stump of one tree. Set Rock 15,10,10 marked + on S. side. An oak stake driven under it." A BCS record of November 28, 1893 states "Rock here. At corner" A BCS tie card of March 19, 1968 states "No stone. Set RRR." A BCS tie card of November 28, 2005 shows the corner as a harrison monument with no documentation about source. This corner was excavated on July 17, 2008. Prior to excavation, a harrison monument was visible at the surface of the road. Excavation revealed a railroad rail at 7 inches deep, below the harrison. Further excavation revealed the record stone at 12 inches deep, embedded in the clay layer below the road. The stone measures 10 inches N-S by 10 inches E-W. With the top 10 inches exposed, the stone remained stable in the clay. The etched "+" is partially visible on the south side, with the lower and west arms of the "+" being distinct and visible. The upper and east arms have clearly been broken off along with a segment of the top of the stone. The 1968 tie card is erroneous in the statement of "no stone." The stone was held as marking the best evidence of the original location of the corner and the harrison monument was set over the top of the stone, directly north of the etched "+." The old harrison and rail, both removed during excavation, had been 1.4 feet East and 0.9 foot north of the top of the stone. This corner was originally established as a wood post in June, 1820.

- A - Mag nail set in S. side power pole, 2.0' a.g., 25.00'
- B - Mag nail set in S. side, wood corner post, 2.0' a.g., 31.64'
- C - Top, N.N.E. bolt, fire hydrant, 64.00'
- D - Mag nail set in N. side, power pole, 2.0' a.g., 44.12'
- E - Boone County witness mark, flush, 28.50'

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

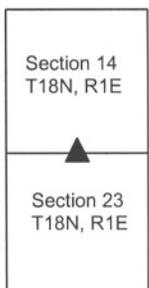


Kenneth E. Hedge
 Kenneth E. Hedge, County Surveyor

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

March 11, 2009

Worth Township



PHOTOGRAPHIC DOCUMENTATION

Date of photography: July 17, 2008

View from West, looking East across the stone and along County Road 300 South.



Corner stone - overhead view from South.



Close-up from South. The bottom and left arms of the etched "+" are visible. Above this the stone appears to be broken.



Same view as to the left, with the visible portions of the etched "+" enhanced for ease of visual detection.



Corner stone - overhead view from West.



Corner stone - overhead view from North.



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

SECTION CORNER RECORD

SE 300-500

BOONE COUNTY SURVEYOR'S OFFICE

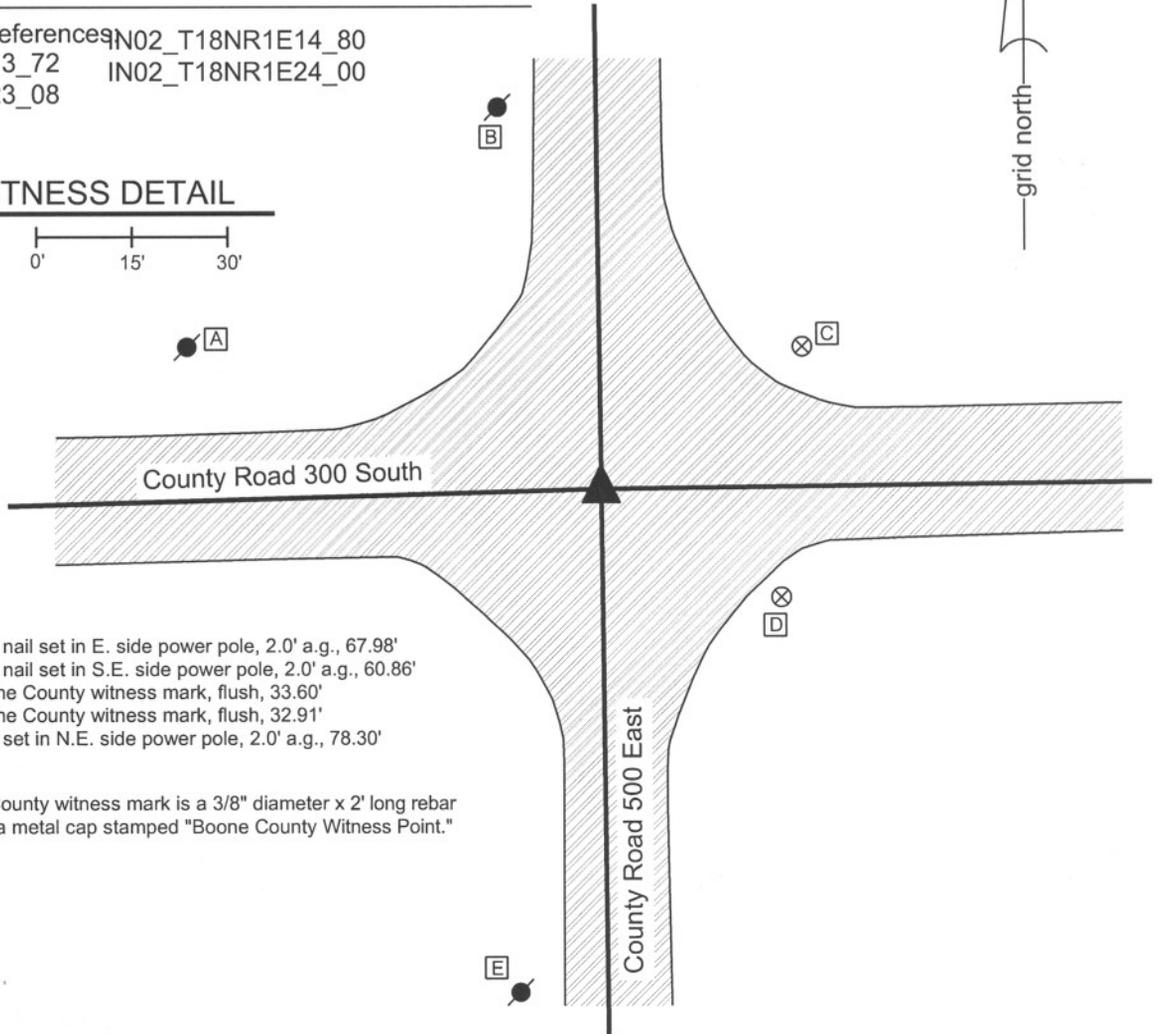
State Plane grid coordinates NAD83 (NSRS 2007):
North: 1730376.03 East: 3151207.38 (U.S. survey feet)

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

Indiana tie card references: IN02_T18NR1E14_80
IN02_T18NR1E13_72 IN02_T18NR1E24_00
IN02_T18NR1E23_08

CORNER WITNESS DETAIL

SCALE 1" = 30'



- A - Mag nail set in E. side power pole, 2.0' a.g., 67.98'
- B - Mag nail set in S.E. side power pole, 2.0' a.g., 60.86'
- C - Boone County witness mark, flush, 33.60'
- D - Boone County witness mark, flush, 32.91'
- E - Mag set in N.E. side power pole, 2.0' a.g., 78.30'

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. No old BCS stone records were found for this corner. A BCS tie card dated August 16, 1967 shows the corner but does not give any specific information about what was found or set. A BCS tie card dated November 28, 2005 shows the corner as a harrison monument with no documentation of source. This corner was excavated on June 16, 2008. Prior to excavation a harrison monument was visible at the surface at the approximate intersection of the two county roads. A railroad rail was found at 16 inches deep, directly below the harrison. Excavation of an area 5 feet N-S by 5 feet E-W centered on the previously existing harrison yielded no more monuments. A new harrison was set in the position of the old harrison and the railroad rail. This corner was originally established as a wood post in June, 1820.



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March 11, 2009

Worth Township

Section 14 T18N, R1E	Section 13 T18N, R1E
Section 23 T18N, R1E	Section 24 T18N, R1E