SECTION CORNER RECORD

NE 700-550

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):
North: 1783031.31 East: 3153304.42 (U.S. survey feet)

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

Indiana tie card references:
IN02_T20NR1E25_76
IN02_T20NR1E36_04

CORNER WITNESS DETAIL

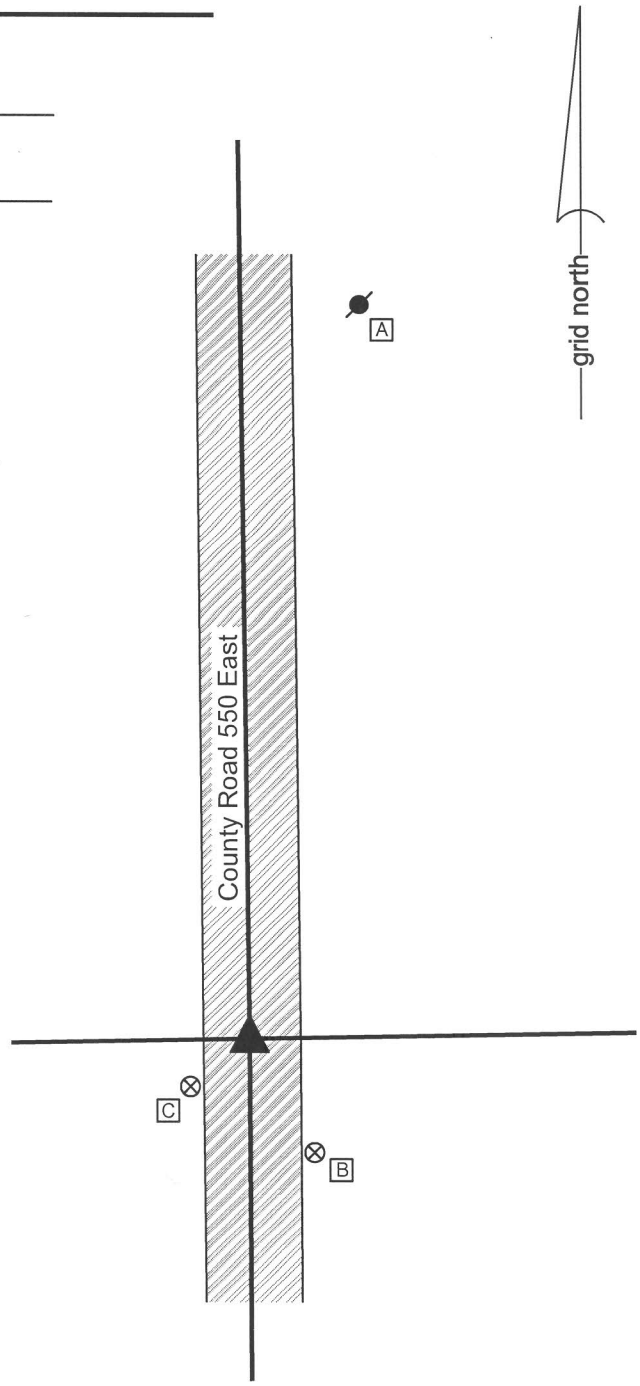
SCALE 1" = 40'

0' 20' 40'

A - Mag nail set in S. side, power pole, 2' a.g., 153.7'
B - Boone County witness mark, flush, 27.2'
C - Boone County witness mark, flush, 15.9'

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.
An undated record in the BCS Surveyor's Record states, with respect to this corner, "Established by intersecting lines 'C' 'b' with lines '6' and '5' in sect 25, T20N, R1E. Set rock + 8,18,20 in road." It is noted that 'C' and 'b' refer to the corners approximately 1/2 and 1/4 miles east, respectively, of the subject corner and that '6' and '5' refer to intermediate corners between the subject corner and the center quarter corner of section 25.
A BCS tie card dated August 20, 1968 states "Found Stones."
This corner was excavated on May 29, 2015. Prior to excavation, the top of a vertical section of railroad rail was visible in a shallow hole in the center of the asphalt roadway. Excavation of a small area around the railroad rail revealed no further evidence of the corner. It is believed that the stones found in 1968 were removed and replaced with the railroad rail at that time. This is known to have been a common practice of BCS field crews in the late 1960s.
The position of the top of the rail, as originally found, was held as marking the corner. The rail was removed and replaced with a Harrison monument in the same position.
This corner was originally established as a wood post in 1822.



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

Clinton Township

Section 25
T20N, R1E

Section 36
T20N, R1E

SECTION CORNER RECORD

NE 750-500

BOONE COUNTY SURVEYOR'S OFFICE

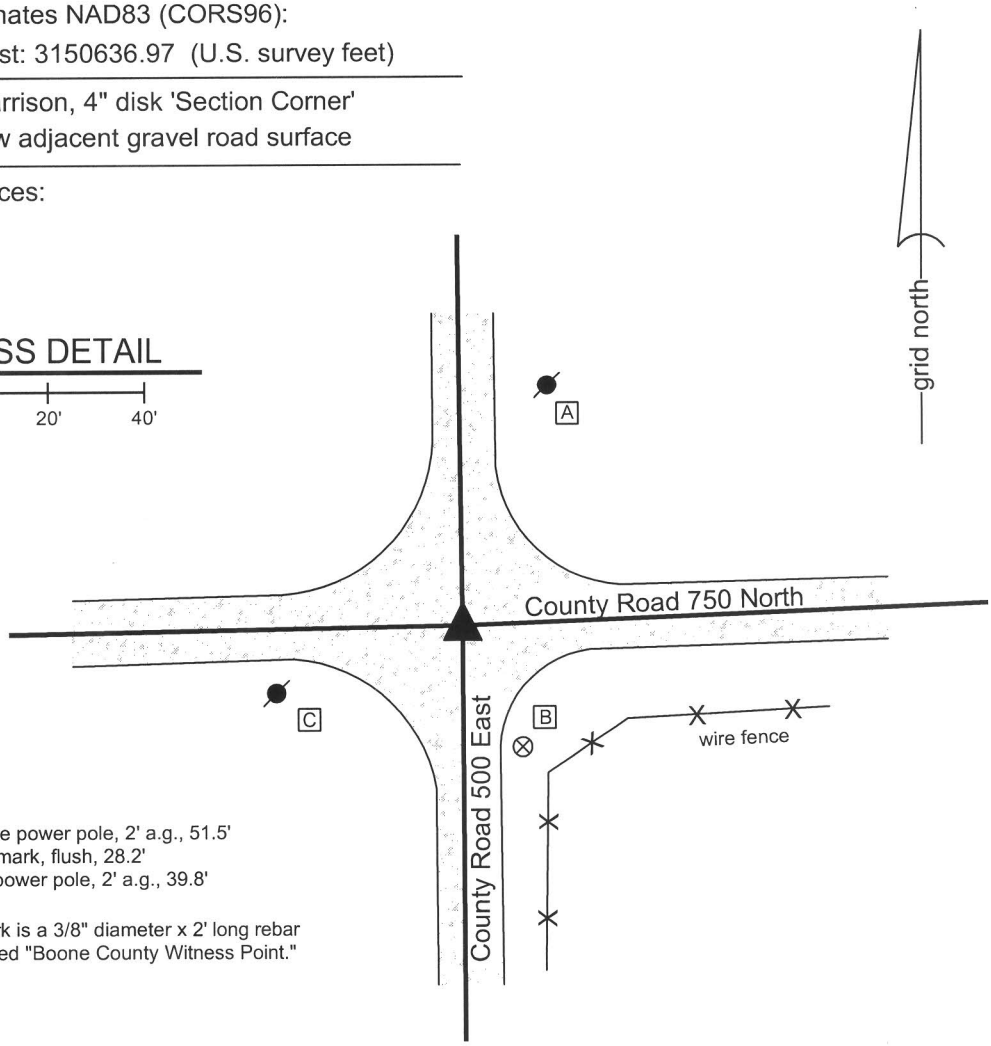
State Plane grid coordinates NAD83 (CORS96):
North: 1785590.27 East: 3150636.97 (U.S. survey feet)

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

Indiana tie card references:
IN02_T20NR1E25_36
IN02_T20NR1E26_44

CORNER WITNESS DETAIL

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



A - Mag nail set in S.W. side power pole, 2' a.g., 51.5'
B - Boone County witness mark, flush, 28.2'
C - Mag nail set in E. side power pole, 2' a.g., 39.8'

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 of January 23, 1872 states "Reestablished from stump of Oak mark found by chopping. Set Rock 9.6.6 +." A BCS tie card dated September 3, 1968 states "no stone." A BCS tie card dated May 28, 1975 states "Stone Found - 16" deep. Set Rail."
This corner was excavated on November 18, 2013. Prior to excavation, a vertical section railroad rail was fond at 9 inches deep in the gravel road. Excavation revealed a rebar found at 1 foot north and 0.5 foot west of the rail. Further excavation revealed no more evidence of the corner. The clay layer below the road was found to begin at 17 inches deep. It is believed that the stone found in 1975 was removed and replaced with the railroad rail. This is known to have been a common practice of BCS field crews in the late 1960s and early 1970s. The rail was removed and replaced with a harrison monument set in the same position.
This corner was originally established as a wood post in 1822.

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

Kenneth E. Hedge, County Surveyor

James S. Swift, IN LS 20200054
February 5, 2015

Clinton Township

Section 26 T20N, R1E	Section 25 T20N, R1E

SECTION CORNER RECORD

NE 800-500

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):
North: 1788222.91 East: 3150608.23 (U.S. survey feet)

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

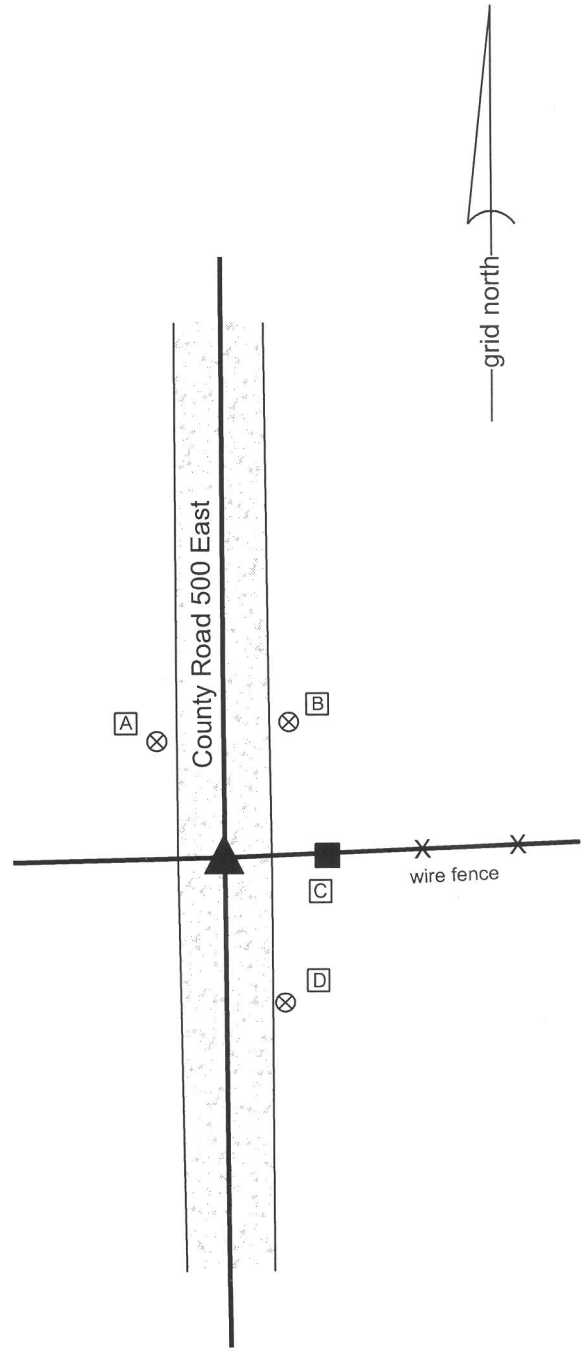
Indiana tie card references:
IN02_T20NR1E23_80 IN02_T20NR1E24_72
IN02_T20NR1E26_08 IN02_T20NR1E25_00

CORNER WITNESS DETAIL

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

A - Boone County witness mark, flush, 21.0'
B - Boone County witness mark, flush, 23.5'
C - Mag nail set in W. side post 2' a.g., 16.4'
D - Boone County witness mark, flush, 24.5'

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 December 13 & 26, 1871 states "Reestablished from stump of S.E. tree and an old rotten stake we found when digging hole for rock which is 16.8.5 + and two small pieces under it." A BCS tie card dated May 30, 1975 states "no stone found - set rod." A BCS tie card dated March 18, 1996 shows the corner as a rebar with no documentation of source.
This corner was excavated on November 18, 2013. A stone was found flush with the surface of the road with a 5/8 inch rebar along the southeast side of the stone. The stone appeared to be leaning slightly to the east. The stone was removed from the road and found to measure 13 inches tall by 8 inches N-S by 5 inches E-W with an etched "+" mark on the west side, 4 inches from the top. Two smaller rocks were found below the stone, set in a manner which indicated that they were intended to support the stone and keep it vertical. These stones appear to each be half of a rock which split down the middle and they look like mirror images of each other. Each of the smaller stones measures 9 inches by 5 inches by 3 inches, more or less. The three stones together closely match the description from the 1871 record, except for the height of the main stone, which is 3 inches shorter than the record. The stone did appear to have been broken off at the top, which is logical given the fact that the top of the rock was flush with the road surface as originally found, and which would explain the variation from the 1871 description. All monuments were removed from the road and a harrison monument was set in place of the stone as it would be have been positioned if vertical. The rebar had been on the northwest side of the stone, 0.3' west and 0.3' north of the position held as the corner. This corner was originally established as a wood post in 1822.

JAMES S SWIFT
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Kenneth E. Hedge, County Surveyor

James S. Swift, IN LS 20200054
February 5, 2015

Clinton Township

Section 23 T20N, R1E	Section 24 T20N, R1E
Section 26 T20N, R1E	Section 25 T20N, R1E

BOONE COUNTY SURVEYOR'S OFFICE

NE 800-500

PHOTOGRAPHIC DOCUMENTATION
Date of photography: November 18, 2013

View of the stone from above and west.

The stone, removed from the road, showing the etched mark that was on the east side of the stone.

The stone, removed from the road, along with the two small rocks found below.

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

View from the west, looking across the stone and along the adjacent fence line to the east.

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

SECTION CORNER RECORD NE 800-550

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):

North: 1788334.84 East: 3153242.37 (U.S. survey feet)

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

Depth: One inch below adjacent road surface

Indiana tie card references:

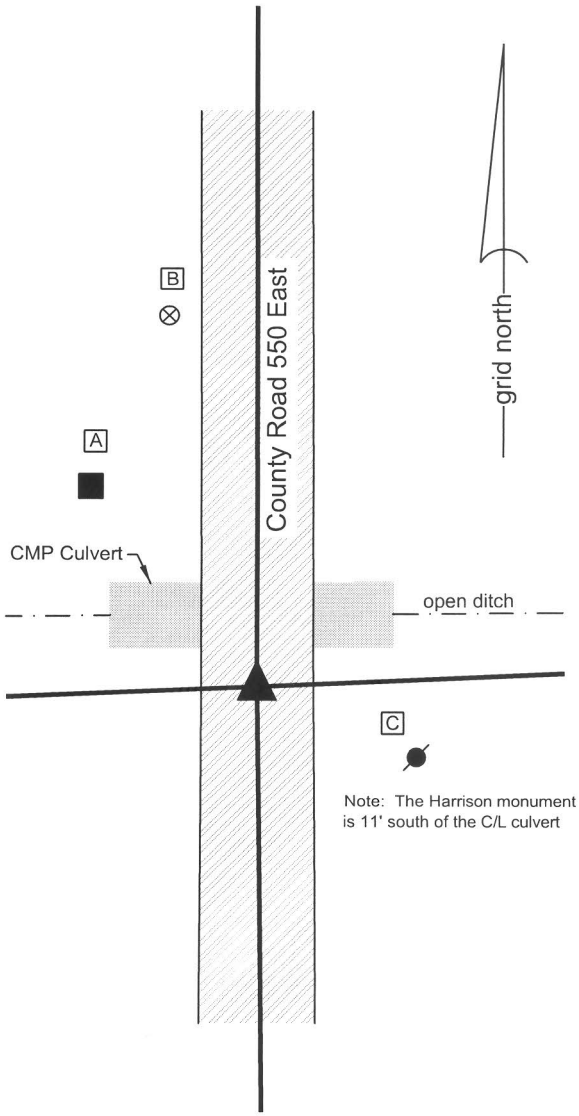
IN02_T20NR1E24_76 IN02_T20NR1E25_04

A - Mag nail set in E. side wood post, 3.5' a.g., 40.0'
B - Boone County witness mark, flush, 59.6'
C - Mag nail set in w. side power pole, 2' a.g., 25.9'

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

CORNER WITNESS DETAIL

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



The harrison monument was set in place of a vertical section of railroad rail. A BCS record pertaining to this corner, dated December 13 and 26, 1871, states "Reestablished in straight line due South of where it was before. Set a Rock due South of where it was before. Set a Rock 14.8.8 + and three small ones under it or around it." A BCS record dated July 16, 1871 states "Established W. corner Set Rock 6x12x14 +. Rock was set 5 feet due south of true point for corner, on line, on account of the point coming on a bridge. Old witness Ash stands N 15° E from true point, distant 149 links. Several small rocks and brick bats were placed beneath and around the witness corner." A BCS tie card dated August 19, 1968 states "No stone" and graphically demonstrates the corner to be slightly south of a bridge. A BCS tie card dated September, 1995 shows the corner to be a 5/8 inch rebar, south of a CMP culvert and north of a fence to the west.

This corner was excavated on June 5, 2014. Prior to excavation, a rebar with a plastic cap (markings illegible) was found in the center of the road, per the 1995 distance ties. Excavation revealed a vertical section of railroad rail found at 9 inches deep, slightly west of the rebar. Further excavation revealed significant evidence of prior disturbance in the immediate vicinity of the corner. Several large pieces of concrete were found at a approximately 2 feet deep, immediately north of the rebar. At 30 inches deep, approximately 1.5 feet north of the rebar and rail, formed concrete was found which appeared to represent the footer of a prior bridge structure. Further excavation to the clay layer (34 inches deep) south of the formed footer revealed no further evidence of the corner.

It is noted that the fence to the west was clearly south of the corner, but it is also noted that the fence is generally along the top of the bank of the open ditch running east-west through this area. The position of the fence is most likely controlled by topography and is not considered evidence of the section line. The records from the 1800s clearly state that the stones were set south of the true corner due to the presence of a bridge at the corner. This casts some doubt on the position of the railroad rail, being south of the footer of the old bridge. A pure interpretation of the evidence with respect to the record implies that the corner may be north of the rail, as found. This interpretation is also borne out by the relative distances to the corners to the north and south. However, it is not known when the bridge for which the footer was installed and it is not possible to know, with the available evidence, whether this is the same bridge referred to in the records of the 1800s, or how the found footer fit with the surface of the bridge. Much is uncertain relative to the old records and the found evidence. Given this uncertainty and the apparent previous acceptance of the rail and rebar as representing the corner since at least 1968, the rail was accepted as marking the corner. The rail and rebar were removed. A Harrison monument was set in the position of the top of the rail, as found. The rebar had been approximately 0.5 foot east of the rail.

This corner was originally established as a wood post in 1822.

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

Clinton Township

Section 24 T20N, R1E

Section 25 T20N, R1E