SECTION CORNER RECORD NW 700-900

BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (CORS96):
North: 1782726.77 East: 3077227.80 (U.S. survey feet)

Type of monument: Harrison, 4" disk 'Section Corner'
Depth: generally flush with ground along steep hillside

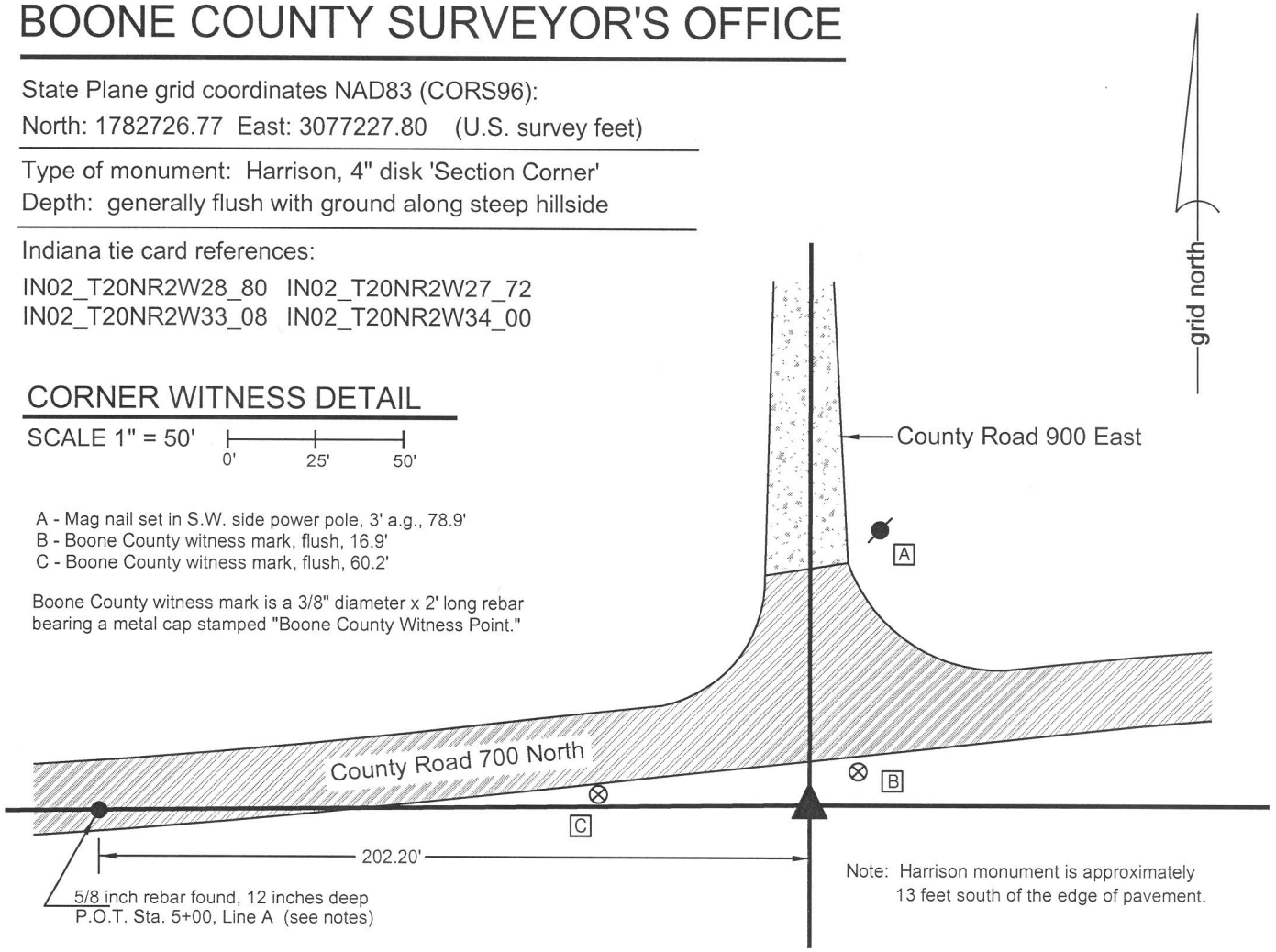
Indiana tie card references:
IN02_T20NR2W28_80 IN02_T20NR2W27_72
IN02_T20NR2W33_08 IN02_T20NR2W34_00

CORNER WITNESS DETAIL

SCALE 1" = 50' 0' 25' 50'

A - Mag nail set in S.W. side power pole, 3' a.g., 78.9'
B - Boone County witness mark, flush, 16.9'
C - Boone County witness mark, flush, 60.2'

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 a calculated position per bridge plans.
No specific descriptions of this corner were found in the old BCS Surveyor's Record, nor were any recent BCS tie cards found referencing this corner. Significant excavation was not performed at this corner due to the fact that it is situated in an area of significant fill material associated with the approach to a bridge over Sugar Creek immediately to the east. The position of this corner was determined in October 2014. During reconnaissance beginning October 16, 2014 no monumentation was found marking the corner. The plans for the adjacent bridge were provided by the Boone County Highway Department. These plans are dated June 6, 1995, referenced as project BRO-9906. These plans show the corner as being a "Blt. Spike, Sec. Cor." and reference the corner as being at Sta. P.O.T. 7+02.20, Line A. The original control monuments for the bridge plans are a rebar at P.O.T. 5+00.00, Line A and a rebar at P.O.T. 18+41.93, Line A. Both of these rebars were recovered, apparently undisturbed, and located at the proper distance apart from each other, per the stations. The rebar at 5+00 is in the road 12 inches deep and the rebar at 18+41.93 is in the road 3 inches deep. These two rebars were held as defining line A for the bridge plans. The section corner was established at 202.20 feet east of the rebar at station 5+00 and a Harrison monument was set at this position. It is noted that the plans graphically demonstrate this corner as having been in the center of the T-intersection of the two roads, prior to reconstruction of the roads. This position did fit well with the centers of the road north and west, as they are located beyond the areas of reconstruction. Furthermore, this position fit well with the relative positions of a stone found at the quarter section corner 1/2 mile west and the approximate location of the quarter-quarter corner 1/4 mile west, being in the center of the east-west road and in line with an old fence to the north. It is further noted that excavation was performed at this quarter-quarter corner but no physical evidence of the corner was found except the road and fence. The Harrison monument is set within a section of 10 inch diameter HDPE storm pipe set vertically, 22 inches tall, filled with concrete. This monument falls along the slope of the fill area approximately 13 feet south of the south edge of pavement of the road, in line with the center of the road to the north. 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

Sugar Creek Twp.

Section 28 T20N, R2W	Section 27 T20N, R2W
Section 33 T20N, R2W	Section 34 T20N, R2W

BOONE COUNTY SURVEYOR'S OFFICE

NW 700-950

PHOTOGRAPHIC DOCUMENTATION
Date of photography: October 29, 2014

The stone as originally found.

The stone more fully exposed.

The stone removed from the road.
This view shows the north side of the stone, as it was situated in the road.

View from the south, looking across the stone and north along County Road 900 West.

The stone removed from the road.
This view shows the north and east sides of the stone, as it was situated in the road.

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

SECTION CORNER RECORD NW 700-950

BOONE COUNTY SURVEYOR'S OFFICE

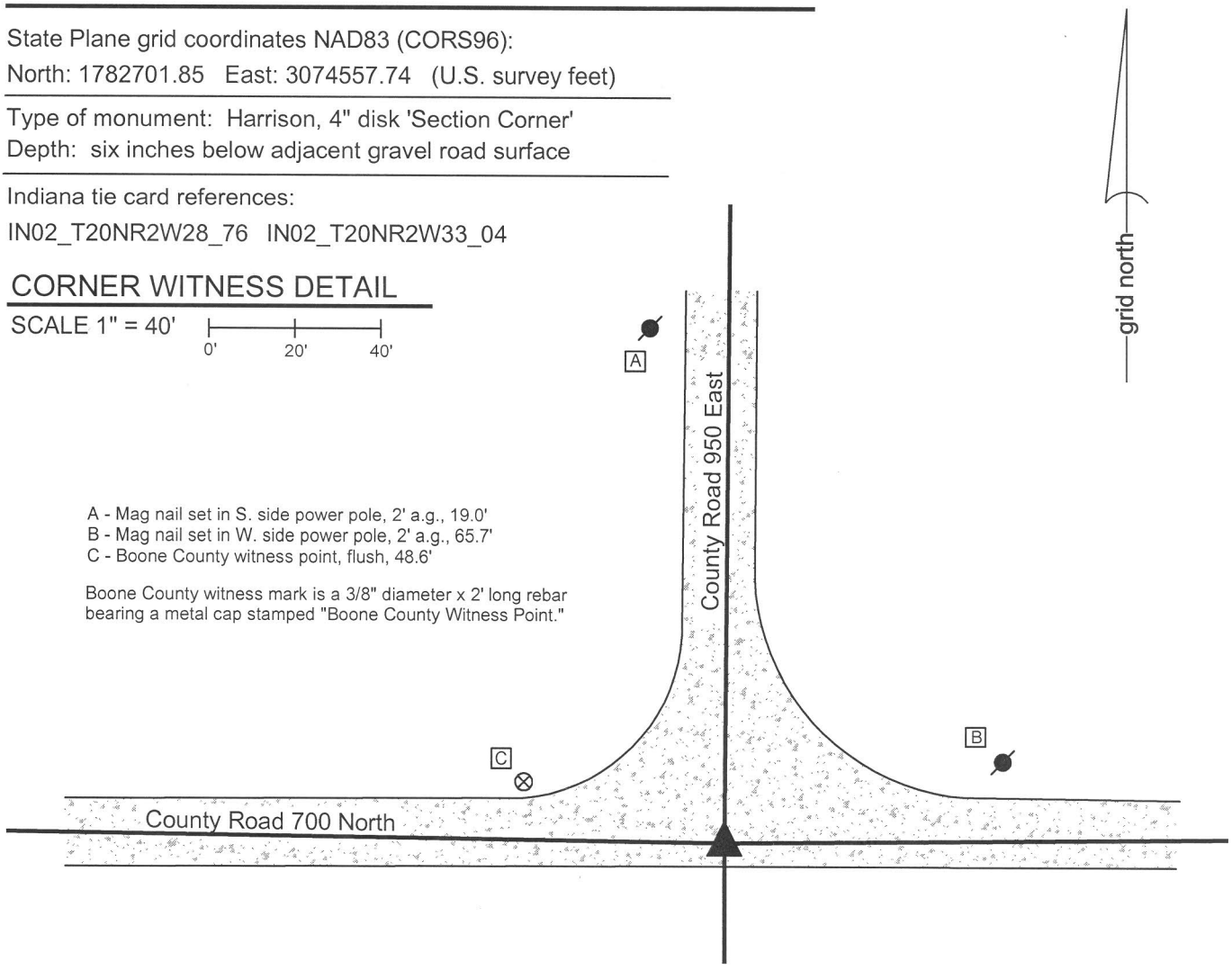
State Plane grid coordinates NAD83 (CORS96):
North: 1782701.85 East: 3074557.74 (U.S. survey feet)

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

Indiana tie card references:
IN02_T20NR2W28_76 IN02_T20NR2W33_04

CORNER WITNESS DETAIL

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



A - Mag nail set in S. side power pole, 2' a.g., 19.0'
B - Mag nail set in W. side power pole, 2' a.g., 65.7'
C - Boone County witness point, flush, 48.6'

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 dated March 16, 1863 states, with respect to this corner, "A stone that was set. One tree gree, stump of the other here. Line Crooked E & W." No recent BCS tie cards were found referencing this corner. Subsequent records up to 1925 reference this corner as the terminal point for measurements, though contain no specific description of the corner or monumentation.
Excavation was performed at this corner on October 29, 2014. No metal monuments were found prior to excavation. A stone was found at 5 inches deep at the intersection of the gravel roads to the North, East and West. The stone was vertical with a clear and distinct high point. The north and east sides of the stone were flat and vertical. The stone was removed from the road, measured and found to be 24 inches tall by 12 inches E-W by 10 inches N-S. No specific marks were found. The stone clearly appeared to be a corner stone. It was situated slightly south of the center of the T-intersection but well in line with the centers of the roads to the North, East and West. The stone is approximately 31 feet south of a straight line connecting the section corners 1/2 mile east and west, respectively. This fact harmonizes reference in the 1863 record of "line crooked E & W." The stone was accepted as the best available evidence of the corner. In order for a Harrison monument to be set below the depth at which road graders may disturb the road bed, the stone was removed and replaced with a Harrison monument set in the position of the top, high point of the stone.
This corner was originally established as a wood post in 1829.

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Section 28 T20N, R2W
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