

Office of the Monroe County Surveyor

Trohn Enright-Randolph

Health Services Building 119 West 7th Street Bloomington, IN 47404 Phone: (812) 349-2570

surveyorsoffice@co.monroe.in.us

AGENDA SURVEYOR REVIEW BOARD HYBRID MEETING Via Zoom App Tuesday, March 21, 2023

- I. Call to Order
- II. Approval of agenda
- III. Approval of minutes from November 22, 2022
- IV. New Business
 - a. Office Update
- V. Certification of corners:
 - a. County Surveyor Perpetuation:
 - i. Tabled Corners: Per_S21*, VanBu_Y17, Per_A17, VanBu_Y19* & Per_A19
 - ii. New Corners: Wash_A05*, Wash_C05, Wash_E19, Wash_I17 & Wash_M15
 - b. Corner Documentation Program:
 - c. Professional Services Agreement:
- VI. Public input
- VII. Adoption of next meeting date
- VIII. Adjournment

*Has no previous certification

Zoom Meeting Information

https://monroecounty-in.zoom.us/j/83035503869?pwd=OEd0Nkh4MlpaajBvclFqazBpcE9tQT09

Meeting ID: 830 3550 3869

Password: 515466

Dial by your location+1 312 626 6799 US (Chicago)

The meeting is open to the public. Dates are subject to change.

For additional information, please call the Office of the Monroe County Surveyor at (812) 349-2570.

Anyone who requires an auxiliary aid or service for effective communication, or a modification of policies or procedures to participate in a program, service, or activity of Monroe County, should contact Monroe County Title VI Coordinator, (812) 349-2553, as soon as possible but no later than forty-eight (48) hours before the scheduled event.

Individuals requiring special language services should, if possible, Government Title VI Coordinator at least seventy-two (72) hours prior to the date on which the services will be needed.

Survey Utility

MONROE COUNTY SURVEYOR REVIEW BOARD HYBRID MEETING Via Zoom App Tuesday, February 21, 2023 MEETING MINUTES

MEMBERS PRESENT: Eric Deckard, Todd Borgman, Rachel Oser (attending virtually)
MEMBERS ABSENT: None

STAFF: Trohn Enright-Randolph, Jason George, Donna Barbrick (Secretary, attending virtually), TSD

I. Call to Order by Trohn Enright at approximately 4:06 pm

- II. Approval of agenda. Motion by Eric Deckard; seconded by Todd Borgman VOTE by roll call: YES (unanimous). Agenda approved.
- III. Approval of minutes from November 22, 2022. Motion by Eric Deckard; seconded by Rachel Oser. VOTE by roll call: YES (unanimous). Minutes approved.

IV. New Business

a. Office Update

Trohn said he went to the ISPLS conference in January. He said he is making a determination concerning the next step in hiring a PS.

V. Certification of corners:

a. County Surveyor Perpetuation: Per_S21**, VanBu_M07, VanBu_U17, VanBu_U19**, VanBu_U21, VanBu_U23*, VanBu_U25, InCr_U01, VanBu_Y17, Per_A17, VanBu_Y19* & Per_A19

Per_S21. Trohn said that this corner had been previously tabled and has not been previously certified. Borgman spoke about the survey he did in the area. He said we tied in through a previous survey by Eric Deckard. He said we performed a split; it fell right in line with the fence. Deckard said I know this area had some areas of uncertainty. He said I want to make sure we are all in step on this. There was a discussion of a survey for Reynolds. Oser mentioned a previous discussion about MCSO being able to send out reference surveys. Motion to table by Deckard; seconded by Borgman. VOTE by roll call: YES (unanimous). Motion carried.

VanBu_M07. Trohn said this monument was certified in 1999 by Kevin Enright. He said we have one witness that correlates; the other witnesses are new. Motion to approve by Borgman; seconded by Deckard. VOTE by roll call: YES (unanimous).

VanBu_U17. Trohn said this was previously certified by Eric Deckard and Michael Friley. Motion to approve by Borgman; seconded by Rachel Oser. VOTE by roll call: YES (unanimous). Motion carried.

^{*} Not previously certified

^{**} Previously tabled

VanBu_U19. Trohn said this was an iron pipe found by Jason George, Survey Technician. There was a discussion about bearings. Oser asked about coordinates on monument accessories. Trohn suggested a motion to approve with adding revised bearing for Witness C, removing Geodetic Coordinates for Monument Accessory (#103000), removing Geodetic Coordinate availability language in row Monument Accessory Descriptor and adding iron pipe (Witness C from 2006 Monument Record) to Monument Accessory Table (Not the Location Sketch). Motion to approve by Deckard; seconded by Oser.

VOTE by roll call: YES (unanimous). Motion carried.

VanBu_21. Trohn said this was previously tied off, however the tie sheet has no date and no signature. He said it is believed that the survey was conducted by Raymond Graham in 1974. Trohn said MCSO does not have a copy of the Norman survey. Deckard said he has looked at this corner a couple of times. He recalled not being able to find the old ties. Jason talked about new witnesses. Trohn pulled up some reference surveys. The board looked at aerials on Elevate. Motion by Borgman to approve with the conditions of removing Geodetic Coordinate availability language in row Monument Accessory Descriptor and removing Geodetic Coordinates for Monument Accessory (#103004) & (#103006). Seconded by Oser. VOTE by roll call: YES (unanimous). Motion carried.

VanBu_U23. Trohn said this was not previously certified and that MCSO crew found a stone. Trohn read from the tiesheet. There was a discussion of the inscription on the stone. Deckard said he felt confident this was an original stone. Motion by Oser to approve with condition of changing the language regarding carving on the stone to "¼" rather than "4" on the description. Second by Deckard. VOTE: Yes (unanimous).

VanBu_U25 and InCr_U01. Trohn said this was previously tied off by Kevin Enright in 1999 and by Eric Deckard. He said the prior limestone monument was obliterated by a culvert installation along Lodge Road. Trohn said InCr_U01 monument, a rebar, was previously tied off in 2011. Jason talked about the witnesses on Indian Creek U01. He said he was not able to get a magnetic signal from witness D. There was a discussion of a bifurcated tree witness for VanBu_U25. Trohn said we did recover three of the previous witnesses. Motion to approve VanBu_U25 and InCr_U01 by Borgman; seconded by Oser. VOTE by roll call: YES (unanimous). Motion carried.

VanBu Y17, Per A17, VanBu Y19* & Per A19. TABLED due to the time.

- b. Corner Documentation Program: (none)
- c. Professional Services Agreement: (none)

VI. Public input (none)

VII. Adoption of next meeting date: March 21, 2023.

Adjourned at 5:15 pm.

Minutes approved:	Added to corner record books
Minutes approved:	Added to corner record books

MCSRB_Packet 3/21/2023 Page 3

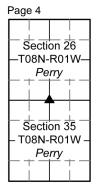


MONUMENT RECORD

Corner ID: Per_S21

Quarter Corner

Sections 26 & 35- T08N-R01W, 2nd P.M. Perry Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.) 5/8" Rebar with yellow plastic cap stamped "SDG INC FIRM 0101" 1' above grade

MONUMENT LOCATION SKETCH:



All ties to new Bearing Trees (BTs) are a mag nail set in a 1-1/2" plastic washer stamped "SURVEY MARKER - DO NOT REMOVE" and hack mark at the root crown (less than 12" above ground) perpendicular to the center of the tree, unless otherwise noted. BT diameters are noted as dbh and are measured approximately 4.5' above ground. Bearings are measured from the monument to the center of the BT, distances are measured from the monument to the mag nail.

ID	BEARING	DISTANCE	DESCRIPTION	
Witness A	N 33d W	4.5'	Mag nail and washer set in hack 0.2' above grade on the south side of a bifurcated (at grade) 11 white ash tree (south trunk only measured).	
Witness B	S 10d W	5.0'	Mag nail and washer set 0.3' above grade on the north side of 4" x 4" x 4' wooden fence post.	
			MONUMENT ACCESSORIES	
		Other survey	grade monuments that were located in the vicinity and their relation to the monument.	
(#103006)	S 43d18'46" W	184.72'	5/8" rebar with yellow cap "SDG INC FIRM 0101" found at grade southwest of metal barn.	
(#10106)	S 89d05'48" W	2611.49	Per_Q21 included herein to depict distance and bearing in survey referenced in Theory of Location (see below) a 5/8" rebar with yellow plastic cap stamped "KB POTTER RLS S 0487" found 0.1' below grade.	



MONUMENT RECORD

Corner ID: Per_S21

Quarter Corner

Sections 26 & 35- T08N-R01W, 2nd P.M. Perry Township, Monroe County, Indiana

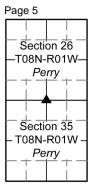


PHOTO IDENTIFIED: Photo Date: 7/22/2022



Photo Orientation & Description: Per S21 from above



Photo Orientation & Description: Looking east at Per_S21 and Witnesses A & B

ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND: Include, search area or areas, search procedure, etc.

Date of Field work/Search: 7/22/2022 By: JG & HJ Monument Found: Rebar with SDG Cap BTs or Reference Objects Found: N/A

Project #: Perry Preservation Field Book: 54/70 Equipment: The basis of bearings is Grid North System NAD83(2011)/Indiana West

NAVD 88, Epoch 2010.0000, geoid12b_conus.db3, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time

Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover. Coordinates are available upon

request. Distances to witness ties were collected with a Leica Disto laser distance meter. Bearings to witness ties were collected with

the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to grid north and are approximately shown
hereon for reference. Priority should be given to provided distances over bearings. Notes: All witness photos on file in the Monroe

County Surveyors Office.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

Monument is located east of a fence line running north-south. The east side of a fence hosts livestock and the west side is the residence 5820 Handy Road. They have an oblong turnabout in the driveway, with a playground at its center. The monument is southeast of it.

MONUMENT PRESERVATION: Describe work done to preserve existing monument.

"Protect Nearby Survey Marker" sign was set 0.5' east of the monument at 3.5' above grade. Geodetic controls were captured for the monument and witnesses (#103006) & (10106). Two other witnesses were established. Homeowner was made aware of existence of monument.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty. The rebar was set by set by Licensed Surveyor, Todd M. Borgman (LS21200021), while performing the Morrison Type E Administrative Subdivision Final Plat (2020) on file at the Recorder's Office as 2021019410.IN. Historic research has not yet been performed to prove the validity of this monument.



MONUMENT RECORD

Corner ID: VanBu_Y17
Section Corner

Sections 24 & 25- T08N-R02W. 2nd P.M.

Sections 24 & 25- 108N-R02W, 2nd P.M. Van Buren Township, Monroe County, Indiana

Page 6

Section 24
T08N-R02W
Van Buren

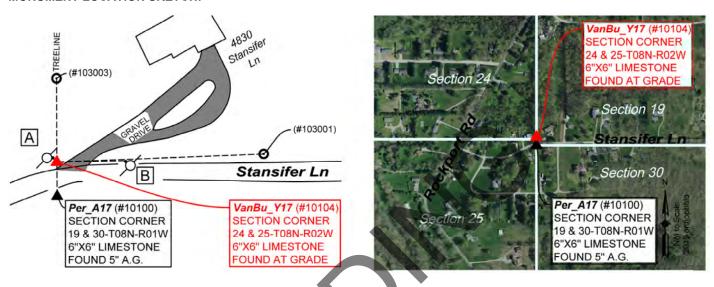
Section 19
T08N-R01W
Perry

Section 25
T08N-R02W
Van Buren

Section 30
T08N-R01W
Perry

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.) Found limestone with slight hole in center 6" x 6" flush to ground.

MONUMENT LOCATION SKETCH:



WITNESS MONUMENT TIES

All ties to new Bearing Trees (BTs) are a mag nail set in a 1-1/2" plastic washer stamped "SURVEY MARKER - DO NOT REMOVE" and hack mark at the root crown (less than 12" above ground) perpendicular to the center of the tree, unless otherwise noted. BT diameters are noted as dbh and are measured approximately 4.5' above ground. Bearings are measured from the monument to the center of the BT, distances are measured from the monument to the mag nail.

ID	BEARING	DISTANCE	DESCRIPTION		
Witness A	N 42d W	4.9'	Mag nail found 0.4' above grade on the east side of an 11" power line pole as per 2004 monument record.		
Witness B	N 85d E	56.3'	Mag nail found 0.4' above grade on the west side of an 11" power line pole as per 2004 monument record.		
			MONUMENT ACCESSORIES		
Other surve	Other survey grade monuments that were located in the vicinity and their relation to the monument. Geodetic coordinates in this table are provided in the format Easting, Northing.				
(#103003)	N 0d12'51" W	69.88'	3" x 7" Limestone found 7" above grade.		
(#103001)	N 87d40'41" E	172.20'	Found ½" Rebar 2" west of power line pole 0.7' above grade.		
(#10100)	S 0d36'48" E	29.4'	Found 6" X 6" Limestone 5" above grade.		



MONUMENT RECORD

Corner ID: VanBu_Y17
Section Corner

Sections 24 & 25- T08N-R02W, 2nd P.M. Van Buren Township, Monroe County, Indiana

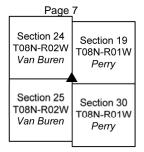


PHOTO IDENTIFIED: Photo Date: 06/03/2022



Photo Orientation & Description: VanBu_Y17 from above



Photo Orientation & Description: Looking south at VanBu_Y17 & Per_A17

ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND: Include, search area or areas, search procedure, etc.

Date of Field work/Search: 05/20/2022 & 06/03/2022 By: JG & HJ Monument Found: Stone with slight circle at it's center BTs or Reference Objects Found: Found Witnesses B, C and D from 2004 monument record = Witnesses (#10104), A & B respectively.

Witness E was probed for using geodetic controls supplied on 2004 monument record, but substantial grading had taken place recently. Project #: Van Buren_Y17 Field Book: 54/61 Equipment: The basis of bearings is Grid North System

NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid12b_conus.db3, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover.

Coordinates are available upon request. Distances to witness ties were collected with a Leica Disto laser distance meter. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to grid north and are approximately shown hereon for reference. Priority should be given to provided distances over bearings. Notes: All witness photos on file in the Monroe County Surveyors Office.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The monument is on the north side of the road between 4850 & 4830 S Stansifer Lane as you are moving east from Rockport Road. It is just west of a gravel drive. VanBu_Y17 is an offset corner for Per_A17. Each can be seen from the other's location.

MONUMENT PRESERVATION: Describe work done to preserve existing monument.

The stone was tested to determine it's type and painted. Geodetic controls were captured for the monument and three of it's witnesses.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty. The stone was previously witnessed by the Monroe County Surveyor, Steven V. Farkas, on July 19, 2004, using the work provided by Licensed Surveyor Eric L. Deckard (*LS 29900012*). Before that, the stone was previously witnessed by the Monroe County Surveyor, Edmund O. Farkas, on August 19, 1990. References on File: Tracy L. McGill survey, Location Route Control Survey Plat. Proposed I-69 Section 5 Victor Pike to S.R. 48 (3rd St.) (2013), on file at the Recorder's Office as 2013012750.IN, a Charles D.

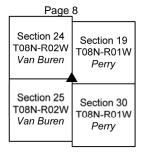
OFFICE OF THE MONROE COUNTY SURVEYOR • Trohn Enright-Randolph



MONUMENT RECORD

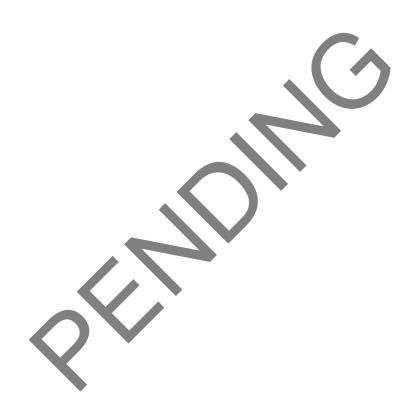
Corner ID: VanBu_Y17 **Section Corner**

Sections 24 & 25- T08N-R02W, 2nd P.M. Van Buren Township, Monroe County, Indiana



Graham plat, Cowden 2 - Lot Minor Subdivision (2019), on file at the Recorder's Office as 2020001114.IN and a survey by Adam Christenberry, Location Route Survey for the Monroe County Highway Department Rockport Road Over Clear Creek (2021), on file at the Recorder's Office as 2021016767.IN. Historic research has not yet been performed to prove the validity of this monument.

CERTIFICATION:



Corner I.D.# VAN BU Y-17

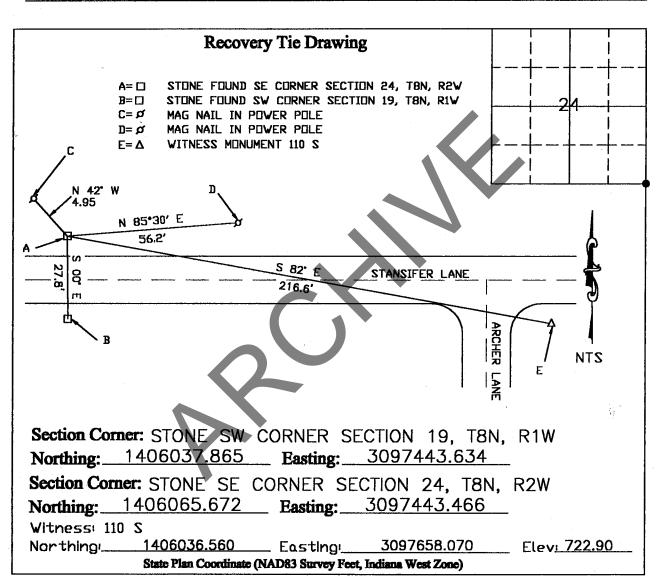
MONUMENT RECORD

STATE OF INDIANA~COUNTY OF MONROE

Section: 24 , Township: 8 NORTH , Range: 2 WEST ,

Monument Description & Remarks: STONE FOUND NO X SLIGHT HOLE IN CENTER

STONE 6" X 6" X 3" TALL



I, Eric Lee Deckard, here by certify that this document was prepared under my direction in accordance with the provisions of Section 17-3-64-4 through 17-3-64-8 of the Indiana Code, being Acts of 1965, Chapter 319: this 19th day of JULY ,2004 A.D.

Completed by Steven V. Farkas, Montos County Surveyor

Indiana Registered Land Surveyor No. LS 29900012

MCSRB_Packet	MONUMENT/2REGORD		Y-I7
STATE OF I	NDIANA - COUNTY OF MO	ONROE	
SECTION 24	TOWNSHIP 8 N	RANGE 2	<u> </u>
MONUMEN	IT DESCRIPTION & REMAN	RKS	
FOUND STONE SOLID	IN GROUND NO "X" SLIC	HT HOLE IN C	ENTER
STONE= 6" x 6" x 3	3" OUT OF GROUND		
			· · · · · · · · · · · · · · · · · · ·
RE	COVERY TIE DRAWING		
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	STONE FOUND S-W SEG-19, T 8 N, R/W		
		NOT	TO SCALE
STATE OF INDIANA			45445
			* SPACE RESERVED
COUNTY OF MONROE	· 	•	FOR RECORDING
I, EDMUND O. FARKAS DOCUMENT WAS PREPARED	HEREBY CERTIFY UNDER MY DIRECTION II		OFFICER.
WITH THE PROVISIONS OF THE INDIANA CODE, BEIN	= SECTION $17-3-64-4 -$	17-3-64-8 OF	
THE ABOVE DATA IS GIVE	EN UNDER MY HAND AND S	SEAL	
THIS 20 TH DAY OF A	UGUST , 19 90 A.I) ,	A de
•			
INDIANA REGISTERED LAN	ID SURVEYOR NO		TOWNSHIP:
OR			VAN BUREN
UNITED STATES	GOVERNMENT AGENCY		CORNER I.D.
		en e	
TITLE			Y-17
MCSRB_Packet	3/21/2023		Page 10

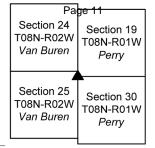


MONUMENT RECORD

Corner ID: Per_A17

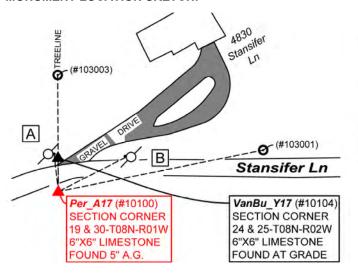
Offset Corner

Sections 25, 30 - T08N-R01W, 2nd P.M. Perry Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.) Found 6" x 6" Limestone found 5" above grade +/- 6' south of Stansifer Lane

MONUMENT LOCATION SKETCH:





WITNESS MONUMENT TIES

All ties to new Bearing Trees (BTs) are a mag nail set in a 1-1/2" plastic washer stamped "SURVEY MARKER - DO NOT REMOVE" and hack mark at the root crown (less than 12" above ground) perpendicular to the center of the tree, unless otherwise noted. BT diameters are noted as dbh and are measured approximately 4.5' above ground. Bearings are measured from the monument to the center of the BT, distances are measured from the monument to the mag nail.

ID	BEARING	DISTANCE	DESCRIPTION		
Witness A	N 7d W	31.8'	Mag nail found 0.4' above grade on the east side of an 11" power line pole as per 2004 monument record.		
Witness B	N 63d E	64.0'	Mag nail found 0.4' above grade on the west side of an 11" power line pole as per 2004 monument record.		
			MONUMENT ACCESSORIES		
	С	ther survey grad	de monuments that were located in the vicinity and their relation to the monument.		
(#103003)	N 0d19'41" W	97.82'	3" x 7" Limestone found 7" above grade.		
(#103001)	N 78d31'4" E	175.40'	Found ½" rebar 2" west of power line pole 0.7' above grade.		
(#10104)	N 0d36'48" W	29.4'	Found 6" X 6" Limestone with slight hole at grade.		



MONUMENT RECORD

Corner ID: Per A17

Offset Corner

Sections 25, 30 - T08N-R01W, 2nd P.M. Perry Township, Monroe County, Indiana

Section 24 Section 19 T08N-R02W T08N-R01W Van Buren Perry Section 25 Section 30 T08N-R02W T08N-R01W Van Buren Perry

PHOTO IDENTIFIED: Photo Date: 05/20/2022 & 06/10/2022



Photo Orientation & Description: Per A17 from above



Photo Orientation & Description: Per_A17 from the southwest



Photo Orientation & Description: looking north at Per A17



Photo Orientation & Description: Per A17 from the VanBu Y17

ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND: Include, search area or areas, search procedure, etc. Date of Field work/Search: 5/20/2022 By: HJ & JG Monument Found: Stone 5" above ground BTs or Reference Objects Found: Witnesses C and D from the 2004 monument record were found Project #: VanBu_17 Field Book: 54/61 Equipment: Coordinate data was collected with a Javad Triumph LS Network Rover. The basis of bearings is Grid North NAD83(2011), Indiana West Zone, Epoch 2010.0000, Geoid Model G2012BU7, Datum NAD83 NO TRANS, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Distances obtained with GPS have not been adjusted to ground. Coordinates are available upon request. Distances to witness ties were collected with a 100' measuring tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to grid north and are approximately shown hereon for reference. Priority should be given to provided distances over bearings. Notes: All witness photos on file in the Monroe

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The monument is on the south side of the road between 4849 & 4841 S Stansifer Lane as you are moving east from Rockport Road. It is easily visible with no discernable landscaping between it and the road. Per A17 is an offset corner of Van U17.

MONUMENT PRESERVATION: Describe work done to preserve existing monument.

Geodetic Coordinates were collected for Per A17 and VanBu Y17 along with two new witnesses (#103003) and (#103001) here

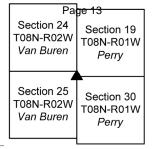
County Surveyors Office.



MONUMENT RECORD

Corner ID: Per_A17 **Offset Corner**

Sections 25. 30 - T08N-R01W, 2nd P.M. Perry Township, Monroe County, Indiana



THEORY OF LOCATION: Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty. The stone was previously witnessed by the Monroe County Surveyor, Edmund O. Farkas, on August 20, 1990. References on File: Tracy L. McGill survey, Location Route Control Survey Plat. Proposed I-69 Section 5 Victor Pike to S.R. 48 (3rd St.) (2013), on file at the Recorder's Office as 2013012750.IN, Adam Christenberry survey, Location Route Survey for the Monroe County Highway Department Rockport Road Over Clear Creek (2021), on file at the Recorder's Office as 2021016767.IN and an Eric Deckard survey, Bettner Boundary Survey (2021), on file at the Recorder's Office as 2021014997.IN. Historic research has not yet been performed to prove the validity of this monument.

CERTIFICATION:



119 W 7th Street, Bloomington, IN 47404 • 812-349-2570 • surveyorsoffice@co.monroe.in.us

Corner I.D.# VAN BU Y-17

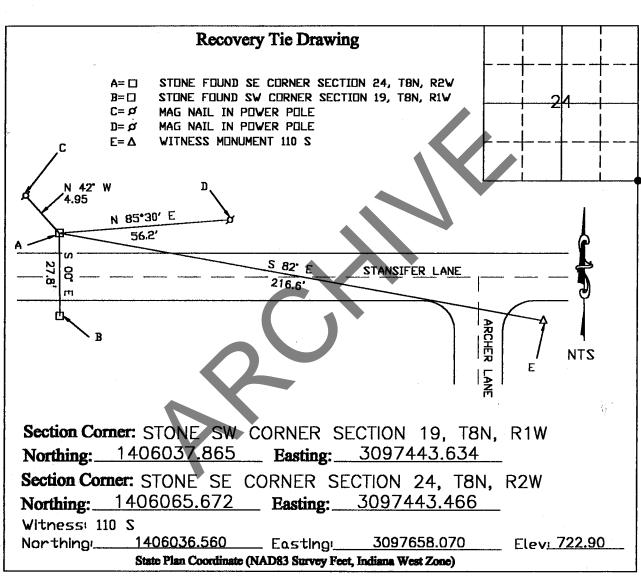
MONUMENT RECORD

STATE OF INDIANA~COUNTY OF MONROE

Section: 24 , Township: 8 NORTH , Range: 2 WEST ,

Monument Description & Remarks: STONE FOUND NO X SLIGHT HOLE IN CENTER

STONE 6" X 6" X 3" TALL



I, Eric Lee Deckard, here by certify that this document was prepared under my direction in accordance with the provisions of Section 17-3-64-4 through 17-3-64-8 of the Indiana Code, being Acts of 1965, Chapter 319: this 19th day of JULY ,2004 A.D.

Completed by Steven V. Farkas, Montos County Surveyor

Indiana Registered Land Surveyor No. LS 29900012

MCSRB_Packet MONUMENsT21/RECORD	Page 15 1 7
STATE OF INDIANA - COUNTY OF MONROE	/
SECTION 19 TOWNSHIP 8 N RANGE 1	W
MONUMENT DESCRIPTION & REMARKS	
FOUND STONE SOLID IN GROUND WITH NO "X".	
STONE = 6" x 6" x 1" OUT OF GROUND	·
RECOVERY TIE DRAWING	
and the first comment of the stage of the st	
PR EAST SIDE 8" POWER POLE STONE FOUND S-E COR PK N-W SIDE SEC-24, T8N, R2W N85°230'E N85°230'E STONE FOUND S-W CORNER SEG-19, T8N, R1W	AT CORNER TO SCALE
STATE OF INDIANA COUNTY OF MONROE I, EDMUND O. FARKAS HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED UNDER MY DIRECTION IN ACCORDANCE WITH THE PROVISIONS OF SECTION 17-3-64-4 - 17-3-64-8 OF THE INDIANA CODE, BEING ACTS OF 1965, CHAPTER 319; AND THE ABOVE DATA IS GIVEN UNDER MY HAND AND SEAL THIS 20 TH DAY OF AUGUST , 19 90 A.D.	SPACE RESERVED FOR RECORDING OFFICER.
INDIANA REGISTERED LAND SURVEYOR NOOROR	TOWNSHIP: PERRY
UNITED STATES GOVERNMENT AGENCY	CORNER I.D.
TITLE MCSRB_Packet 3/21/2023	Page 15

A - 17

MONUMENT RECORD

STATE OF INDIANA ~ COUNTY OF MONROE

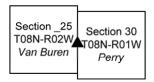
SECTION 24,	COWNSHIP 8 NC	RTH	Range1	WEST	
MONUMENT DESCRIPTION & RE	MARKS: STONE	WITH "+",	1' ABOVI	E. GRADE;	
4.5 X 4.5 X 0.1 ; MAI	THE SOU	TH EAST CO	ORNER OF	SECTION	24
	RECOVERY TIE	DRAWING		: 1 1	
			- -	·	
	•			·-	
ÇNEW GRAVEL DR	<u>.</u>		AT (CORNER •	
B _{cc} C				1	
2"×4"×4" (5)					
IRON POST	A. STONE W/"+" B. MAGNAIL & SHIP	NER IN 16" OAK		1	
G # A	N 56°W, DIST C. MAGNAIL & SHIN	16.5			
	N 69°E, DIST.	18.05'		4	
# F	\$ 67°E, DIST. 1	6.4'			
37.7	E. 1/2" REBAR FOL F. 4" STEEL POST	FILLED W/CON	CRETE, W/"+	" N	
£ MOORES CR. RD.	G. REBAR FLUSH I	N C MOORES CI	REEK ROAD	- 1	
ਰੀ V •F	N 86°W, DIST.	63.38			
				•	
TATE OF INDIANA					
COUNTY OF MONROE			,		
STEVEN V. FARKAS	, HEREBY	CERTIFY THA	T THIS DOC	UMENT WAS	
REPARED UNDER MY DIRECTION 17-3-64-8 OF	IN ACCURDANCE W	VITH THE PROV	VISIONS OF S	SECTION	
ND THE ABOVE DATA IS GIVEN UN	DER MY HAND ANI	DSEAL	3 Or 1905, C	HAPIER 319	;
HIS DAY OF	<i>.</i>	200A.D.			
NDIANA REGISTERED LAND SURV	FVOD NO		,		
		O	К .		
NITED STATES GOVERNMENT AG	ENCY				
ITLE					•
ELD BOOK:	PAGE:		Draft#:	91	
MCSRB_Packet	3/21/2023	3			Page



Corner ID: VanBu_Y19

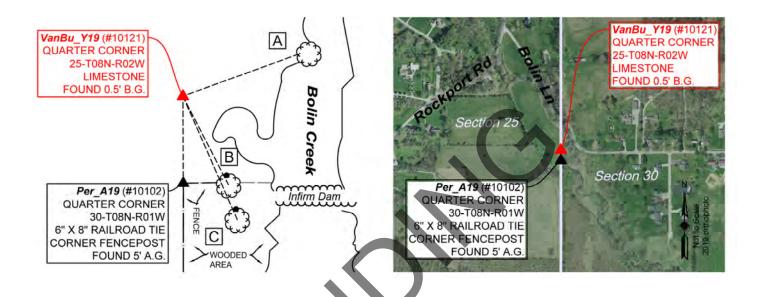
Quarter Corner

Section 25- T08N-R02W, 2nd P.M. Van Buren Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.) 6" x 17" Limestone 6" below grade.

MONUMENT LOCATION SKETCH:



WITNESS MONUMENT TIES

All ties to new Bearing Trees (BTs) are a mag nail set in a 1-1/2" plastic washer stamped "SURVEY MARKER - DO NOT REMOVE" and hack mark at the root crown (less than 12" above ground) perpendicular to the center of the tree, unless otherwise noted. BT diameters are noted as dbh and are measured approximately 4.5' above ground. Bearings are measured from the monument to the center of the BT, distances are measured from the monument to the mag nail.

ID	BEARING	DISTANCE	DESCRIPTION		
Witness A	N 70d E	38.3'	Measured to west face of 37" American Sycamore Tree. Eastern roots stretch into Bolin Creek.		
Witness B	S 27d E	31.1'	Found magnetic signal on north side of 26" bifurcated Red Cedar as per Witness C on Per_A19's 2013 monument record.		
Witness C	S 24d E	42.1'	Found magnetic signal on north side of 10" Black Walnut Tree as per Witness C on Per_A19's 2013 monument record.		
MONUMENT ACCESSORIES					

Other survey grade monuments that were located in the vicinity and their relation to the monument.

(#10102)	S 0d22'56" E	27.17'	Found 6" x 8" railroad tie corner fencepost 5' above grade.



Corner ID: VanBu_Y19

Quarter Corner

Section 25- T08N-R02W, 2nd P.M. Van Buren Township, Monroe County, Indiana

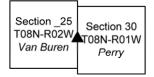


PHOTO IDENTIFIED: Photo Date: 02/07/2023



Photo Orientation & Description: VanBu Y19 from above west side



Photo Orientation & Description: VanBu_Y19 from above east side



Photo Orientation & Description: Looking west at VanBu Y19



Photo Orientation & Description: Looking east at VanBu Y19, Per A19 and Witnesses A, B & C

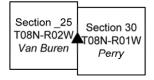
ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND: Include, search area or areas, search procedure, etc. Date of Field work/Search: 02/07/2023 By: JG & HJ Monument Found: Limestone BTs or Reference Objects Found: N/A Project #: Van Buren Preservation Field Book: 55/24 Equipment: The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid12b conus.db3, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover. Coordinates are available upon request. Distances to witness ties were collected with a 100' measuring tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to grid north and are approximately shown hereon for reference. Priority should be given to provided distances over bearings. Notes: All witness photos on file in the Monroe County Surveyors Office.



Corner ID: VanBu_Y19

Quarter Corner

Section 25- T08N-R02W, 2nd P.M. Van Buren Township, Monroe County, Indiana



OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The monument is +/- 27' north of offset monument Per_A19, close to Bolin Creek. The best entry point is at the cattle gate at the southern intersection of Rockport Road and Bolin Lane. Driving along the western side of the parcel, one can find the low part of the creek and cross. From there, head southeasterly and look for survey signs and witnesses. During summer, the land is used to growing baling grass according to the owner.

MONUMENT PRESERVATION: Describe work done to preserve existing monument.

Monument was painted and buried with a magnet. "Protect Nearby Survey Marker" sign was set 8" east of the stone 3.5' above grade. Geodetic controls were captured for the monument and its offset corner. Three other witnesses were established. Owner was made aware of existence of monuments.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty. The stone is of unknown origin. Its location corroborates with the distance and bearings stated in the following documents: a survey by Marty James, Boundary Survey for Independent Limestone Company (2007), on file at the Recorder's Office as 2007006888.IN and a survey by Adam Christenberry, Location Route Survey for the Monroe County Highway Department Rockport Road Over Clear Creek (2021), on file at the Recorder's Office as 2021016767.IN. Historic research has not yet been performed to prove the validity of this monument.

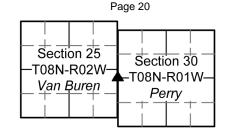
CERTIFICATION:



Corner ID: Per_A19

Quarter Corner

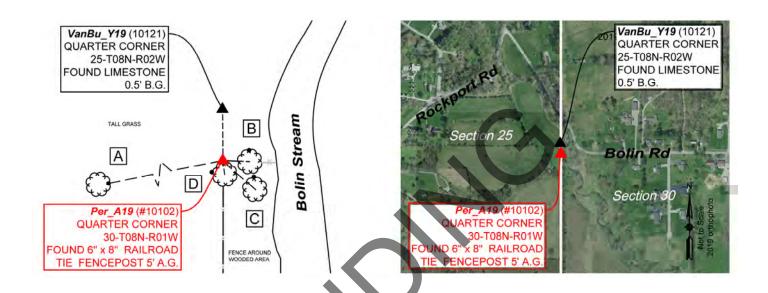
Section 30- T08N-R01W, 2nd P.M. Perry Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.) Found 6" x 8" x 5' Railroad Tie Corner Fencepost leaning east yet solidly in place in concrete base.

MONUMENT LOCATION SKETCH:

MCSRB_Packet



WITNESS MONUMENT TIES

All ties to new Bearing Trees (BTs) are a mag nail set in a 1-1/2" plastic washer stamped "SURVEY MARKER - DO NOT REMOVE" and hack mark at the root crown (less than 12" above ground) perpendicular to the center of the tree, unless otherwise noted. BT diameters are noted as dbh and are measured approximately 4.5' above ground. Bearings are measured from the monument to the center of the BT, distances are measured from the monument to the mag nail.

ID	BEARING	DISTANCE	DESCRIPTION		
Witness A	S 78d W	159.0'	Mag nail and washer set 30" above grade on the east side of a 9" black walnut tree.		
Witness B	S 88d E	14.1'	Found magnetic signal 13" above grade on the north side of a 26" bifurcated red cedar tree as per 2013 monument record.		
Witness C	S 56d E	20.3'	Found magnetic signal 11" above grade on the north side of an 11" black walnut tree as per 2013 monument record		
Witness D	S 8d E	7.2'	Found magnetic signal 12" above grade on the north side of a 14" black walnut tree as per 2013 monument record.		
	MONUMENT ACCESSORIES				

MONUMENT ACCESSORIES

Other survey grade monuments that were located in the vicinity and their relation to the monument.

(#10121)	N 0d22'56" E	27.17'	Found Irregular Shaped Limestone 0.5' below grade.		



Corner ID: Per_A19

Quarter Corner

Section 30- T08N-R01W, 2nd P.M. Perry Township, Monroe County, Indiana

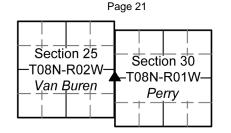


PHOTO IDENTIFIED: Photo Date: 06/03/2022



Photo Orientation & Description: Looking east at Per_A19 with witnesses B C & D present



Photo Orientation & Description: Looking southwest at Per_A19

ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND: Include, search area or areas, search procedure, etc.

Date of Field work/Search: 06/03/2022 By: JG & HJ Monument Found: Fencepost BTs or Reference Objects Found: Found Witnesses B, C & D from 2013 monument record Project #: Van Buren Preservation Field Book: 54/63 Equipment: The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid12b_conus.db3, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover. Coordinates are available upon request. Distances to witness ties were collected with a Leica Disto laser distance meter and with the 100' tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to grid north and are approximately shown hereon for reference. Priority should be given to provided distances over bearings. Notes: All witness photos on file in the Monroe County Surveyors Office.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The monument still held a "Protect Nearby Survey Markers" sign on its east side. The monument is a corner fencepost for the remains of a fence that runs north-south and west to east before terminating at the embankment of Bolin Creek. Per_A19 sits on a tract of land that runs parallel along the west side of Bolin Road. The land is primarily used growing baling grass according to the owner. The best way to access the land is at a cattle gate on the south intersection of Rockport Road and Bolin Road. Driving south along the west side of the parcel, one could cross the creek at it's shallow point.

Per_A19 is an offset monument to VanBu_Y19. MCSO was able to excavate a stone that at offset coordinates and measurements provided in the Adam Christenberry survey referenced below.

MONUMENT PRESERVATION: Describe work done to preserve existing monument.

Geodetic controls were captured for the monument at the center of its concrete base on the west side. The concrete base of the fencepost was partially unearthed. Still this post and its anchor would not budge when tested. A new sign was set on the west side for better visibility in hopes to protect the monument from machinery and livestock. A new witness was set on the west side of the field.

OFFICE OF THE MONROE COUNTY SURVEYOR • Trohn Enright-Randolph

119 W 7th Street Bloomington IN 47404 • 812-349-2570 • surveyorsoffice@co monroe in us

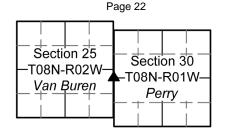
MCSRB_Packet 3/21/2023 Page 21



Corner ID: Per_A19

Quarter Corner

Section 30- T08N-R01W, 2nd P.M. Perry Township, Monroe County, Indiana



THEORY OF LOCATION: Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty. The fencepost was previously witnessed by the Monroe County Surveyor, Kevin Enright, on February 7, 2013 and accepted by the Monroe County Surveyor Review Board on February 26, 2013. The 2013 Monument Record accepted the fencepost per a plat by Phillip O. Tapp, Mark Freeman Administrative Subdivision (2002), recorded as Instrument Number 2002005200.IN; a location control route survey by Dustin Ballard, I-69 Section 4 Segment 9 (2011), on file at the Recorder's Office as 2011008297.IN; an Eric Deckard plat, Me-Me's Refuge Type D & Type E Administrative Subdivision (2012), on file at the Recorder's Office as a final plat under the instrument number 2013005242.IN. Other References on File: Tracy L McGill survey, Location Route Control Survey Plat Proposed I-69 Section 5 Victor Pike (2013), on file at the Recorder's Office as 2013012570.IN; Adam Christenberry survey, Location Route Survey for the Monroe County Highway Department Rockport Road Over Clear Creek (2021), on file at the Recorder's Office as 2021016767.IN. Historic research has not yet been performed to prove the validity of this monument.

CERTIFICATION:



MONUMENT RECORD State of Indiana - County of Monroe

Section: 30

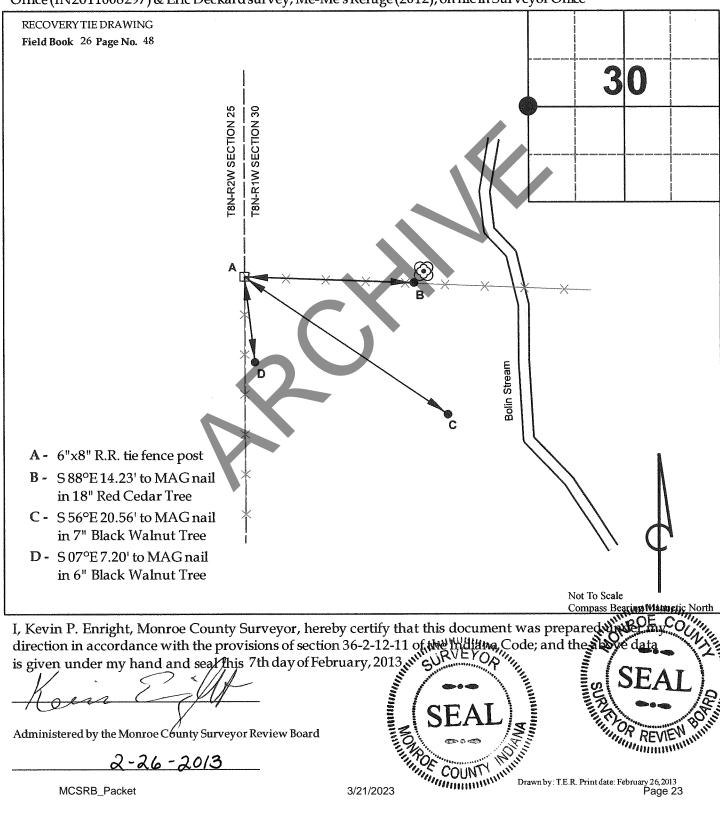
Township: 8 North

Range: 1 West

Corner ID: Per A-19

Monument Description & Remarks: 6"x8" R.R. tie fence post corner set in concrete. Survey Sign 4.5ftabove ground at point A

References On File: Phillip O. Tapp survey, Mark Freeman (2002), on file in Recorder Office (IN2002005200); Dustin Ballard survey, I-69 Section 4 Segment 9 (2011), on file in Recorder Office (IN2011008297) & Eric Deckard survey, Me-Me's Refuge (2012), on file in Surveyor Office



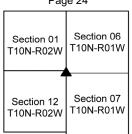
I, Kevin P. Enright, Monroe County Surveyor, hereby certify that this document was prepared direction in accordance with the provisions of section 36-2-12-11 of the indiana. Code; and the



Corner ID: Wash_A05

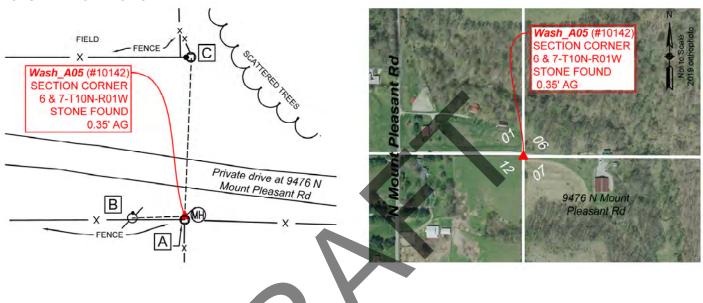
Section Corner

Sections 06 & 07- T10N-R01W, 2nd P.M. Washington Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.) 0.5' x 0.9' Limestone found with ½" hole drilled near center 0.35' above grade.

MONUMENT LOCATION SKETCH:



	WITNESS MONUMENT TIES					
ID	BEARING	DISTANCE	DESCRIPTION			
Witness A	S 0d E	1,1	Mag Nail found 0.9' above grade on the north side of a 15" round fence post with east, west, and south running fence. A "Protect Nearby Survey Marker" sign was found 3.1' above grade attached to the north side of the pole.			
Witness B	S 88d W	16.4'	Mag Nail found 0.8' above grade on the north side of a 12" power pole			
Witness C	N 14d E	51.1'	Mag Nail found 2.5' above grade on the west side of a 12" round post with north and west running fence			
	MONUMENT ACCESSORIES					
(#103033)	N 50d56'49" E	4.19'	Northern most point of 14" Manhole.			



Corner ID: Wash_A05

Section Corner

Sections 06 & 07- T10N-R01W, 2nd P.M. Washington Township, Monroe County, Indiana

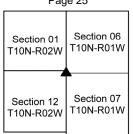


PHOTO IDENTIFIED: Photo Date: 09/01/2022



Photo Orientation & Description: Wash A05 from above



Photo Orientation & Description: Looking east at Wash_A05 and Monument Accessory (#103033) and Witness A

ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND: Include, search area or areas, search procedure, etc.

Date of Field work/Search: 08/20/2020 & 09/01/2022 By: CAR, JG & HJ Monument Found: Limestone BTs or Reference Objects Found:

MCSO had visited this site in 2000 and established Witnesses A, B & C. All three were found in 2020 & 2022 The site was visited again in 2020 and its observations were again verified in 2022. Project #: Washington Monuments Field Book: 54/11 Equipment:

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid12b_conus.db3, US

Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover. Coordinates are available upon request. Distances to witness ties were collected with a Leica

Disto laser distance meter and a 100' measuring tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to grid north and are approximately shown hereon for reference. Priority should be given to provided distances over bearings. Notes: All witness photos on file in the Monroe County Surveyors Office.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

Monument is on the south side of a private drive for 9476 N Mt. Pleasant Road, approximately 1' north of a fence that runs eastwest.

MONUMENT PRESERVATION: Describe work done to preserve existing monument.

Witnesses were established. Geodetic controls were established for monument and accessory (#103033). "Protect Nearby Survey Marker" sign was set (2000).

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty. The stone was previously witnessed by the Monroe County Surveyor, Kevin Enright, on May 9, 2000, however the monument was never certified by the Surveyor Review Board. The 2000 Monument Record accepted the stone per a boundary survey by Lee Utt for Robert and Virginia Hays, 67.24 Acre Survey(1999), on file at the Recorder's Office as 1999023756.IN. Licensed Surveyor, Eric L. Deckard, in a survey for Larry and Dawana Page(2020); on file at the Recorder's Office as 2020018655.IN, stated that the monument appeared to be a common corner with BeBI_Y05. MCSO also probed for BeBI_Y05 4 links north of Wash_A05 as the GLO maps indicated, but no stone was found. Historic research has not yet been performed to prove the validity of this monument.

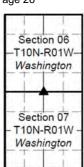
CERTIFICATION:



Corner ID: Wash_C05

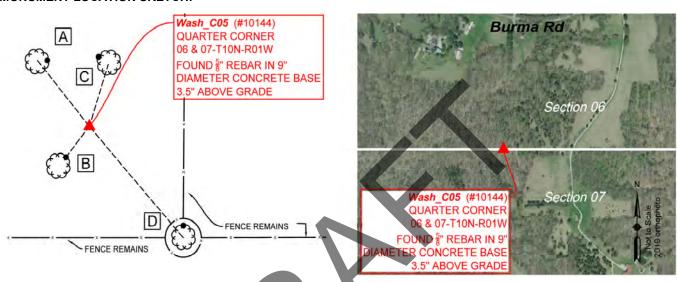
Quarter Corner

Sections 06 & 07 – T10N-R01W, 2nd P.M. Washington Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.) Found 5/8" rebar in 9" diameter concrete base flush to ground and with rebar 3.5" above grade.

MONUMENT LOCATION SKETCH:



WITNESS MONUMENT TIES

All ties to new Bearing Trees (BTs) are a mag nail set in a 1-1/2" plastic washer stamped "SURVEY MARKER - DO NOT REMOVE" and hack mark at the root crown (less than 12" above ground) perpendicular to the center of the tree, unless otherwise noted. BT diameters are noted as dbh and are measured approximately 4.5' above ground. Bearings are measured from the monument to the center of the BT, distances are measured from the monument to the mag nail.

			▼	
ID	BEARING	DISTANCE	DESCRIPTION	
Witness A	N 40d W	26.3'	Set mag nail and washer in hack on east side of 3" Black Maple Tree 0.3' above grade.	
Witness B	S 39d W	12.1'	Found "Protect Nearby Survey Marker" sign nailed to the east side of a 14" white oak tree 4.5' above grade as per 2000 monument record. Measured to face of sign.	
Witness C	N 28d E	19.8'	Found mag nail on the northwest side of a 16" Red Oak Tree 0.6' above grade as per 2000 monument record.	
Witness D	S 42d E	45.6'	Found multiple magnetic signals in 32" American Beech Tree, wrapped in barbwire, serving as corner post for south/north and west/east fence as per 2000 monument record.	



Corner ID: Wash_C05

Quarter Corner

Sections 06 & 07 – T10N-R01W, 2nd P.M. Washington Township, Monroe County, Indiana

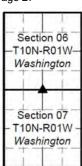


PHOTO IDENTIFIED: Photo Date: 09/02/2022







Photo Orientation & Description: Looking north at Wash C05

ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND: Include, search area or areas, search procedure, etc. Date of Field work/Search: 09/02/2022 By: JG & HJ Monument Found: Rebar in Concrete BTs or Reference Objects Found: Found Witnesses B, C & D Project #: Washington Monuments Field Book: 55/04 Equipment: The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid12b_conus.db3, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover. Coordinates are available upon request. Distances to witness ties were collected with a 100' measuring tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to grid north and are approximately shown hereon for reference. Priority should be given to provided distances over bearings. Notes: All witness photos on file in the Monroe County Surveyors Office.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

MCSO found the best access point was from the drive for 2275 W Burma Road. Approximately ¼ mile down the drive there is an agricultural field on the west. At northwest corner of the field, one could traverse westerly on foot and locate intersecting fences and witnesses.

MONUMENT PRESERVATION: Describe work done to preserve existing monument.

Geodetic Controls were collected. A new witness was established. Integrity of concrete base was tested.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty. The rebar in concrete base was previously witnessed by the Monroe County Surveyor, Kevin Enright, on May 10, 2000 and accepted by the Monroe County Surveyor Review Board on December 14, 2000. The 2000 Monument Record accepted the rebar per a boundary survey by Ben Bledsoe, 3.472 Acre Survey (1994), recorded as Instrument Number 419007.IN. Reference on File: Survey by Eric S. Williams, Original Survey - New 2.365 acre Tract MCCrewIN, LLC to Prince (2022), on file at the Recorder's Office as 2022008003.IN. Historic research has not yet been performed to prove the validity of this monument.

CERTIFICATION:

MONUMENT RECORD State of Indiana - County of Monroe

Section: 06

Township:10 N

Range: 1 W

Corner ID: Wash C-05

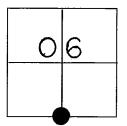
Monument Description & Remarks: Found: 5/8" rebar set in a concrete base 9" diameter and extending to a 3 1/2" height, painted old orange paint and many layers of flagging.

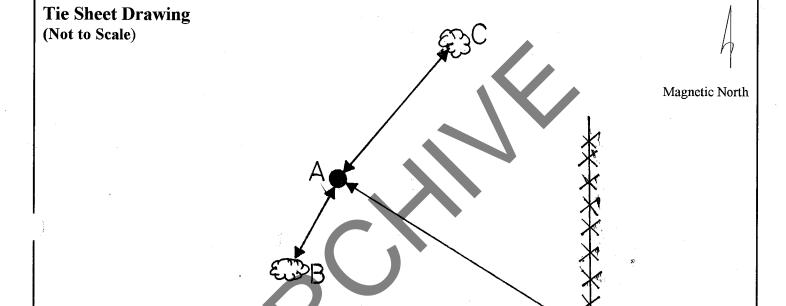
References On File: Bledsoe Tapp Book 3 p. 257-260.

Field Book: 2000-01

Page No.: 45

USGS Quad: Modesto





A-5/8" rebar

B-S 39° W 12.05' to MAG nail in white oak. Survey marker 4.5' above ground.

C-N 29° E 19.59' to MAG nail in red oak.

D-S 42° E 45.56' to MAG nail in 26" beech.

I, Kevin P. Enright, Monroe County Surveyor, hereby certify that this document was prepared under my direction in accordance with the provision of Specific 36-2-12-11 of the Indiana Code; and the above data is given under my hand this 10th day of May. 2000.

3/21/2023

ertified and sealed by the Monroe County Surveyor Review Boar

Date:

MCSRB_Packet

2000

SEAL SEAL

October 13, 2000

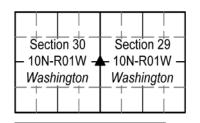
Page 28



Corner ID: Wash_E19

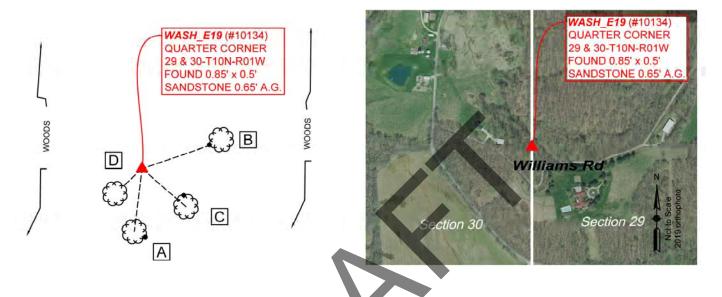
1/4 Corner

Sections 29 & 30-T10N-R01W, 2nd P.M. **Washington Township, Monroe County**



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.) Found 0.85' x 0.5' Sandstone with cut "X". Retraced cut for clarity 0.65 above grade.

MONUMENT LOCATION SKETCH:



WITNESS MONUMENT TIES

All ties to new Bearing Trees (BTs) are a mag nail set in a 1-1/2" plastic washer stamped "SURVEY MARKER - DO NOT REMOVE" and hack mark at the root crown (less than 12" above ground) perpendicular to the center of the tree, unless otherwise noted. BT diameters are noted as dbh and are measured approximately 4.5' above ground. Bearings are measured from the monument to the center of the BT, distances are measured from the monument to the mag nail.

ID	BEARING	DISTANCE	DESCRIPTION
Witness A	S 7d W	33.0'	Mag nail and washer set in hack 0.7' above grade on the southeast side of 19" American Beech Tree.
Witness B	N 71d E	37.0'	Found 20" Sugar Maple as per 2000 monument record. Distance and bearings to center of southwest side 4.5' above grade.
Witness C	S 49d E	30.2'	Found magnetic signal 0.6' above grade on north side of 22" Sassafras Tree as per 2000 monument record.
Witness D	S 47d W	12.4'	Found 19" Sugar Maple as per 2000 monument record. Distance and bearings to center of northeast side 4.5' above grade



Corner ID: Wash_E19 1/4 Corner

Sections 29 & 30-T10N-R01W. 2nd P.M. Washington Township, Monroe County

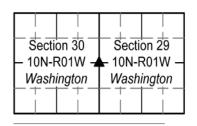


PHOTO IDENTIFIED: Photo Date: 5/19/2022



Photo Orientation & Description: Wash E19 from above



Photo Orientation & Description: Wash E19 and survey sign from outhwest.

ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND: Include, search area or areas, search procedure, etc.

Date of Field work/Search: 5/11/2022 & 5/19/2022 By: JG & HJ Monument Found: Sandstone with "x" BTs or Reference Objects Found: Found all witnesses from 2000 monument record. Project #: Washington Monuments Field Book: 54/57 Equipment: Coordinate data was collected with a Javad Triumph LS Network Rover and a Javad Triumph 2 Base. The basis of bearings is Grid North NAD83(2011), Indiana West Zone, Epoch 2010.0000, Geoid Model G2012BU7, Datum NAD83 NO TRANS, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS) Distances were obtained a 100' measuring tape. Bearing to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to grid north and are approximately shown hereon for reference. Priority should be given to distances over bearings. Notes: All witness photos on file in the Monroe County Surveyors Office.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location - note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

Approximately .25 miles from Bottom Road, a "Protect Nearby Survey Marker" sign can be seen from Williams Road, when looking west and down in an area of declining elevation. From this point proceed into the woods northwesterly.

MONUMENT PRESERVATION: Describe work done to preserve existing monument.

"Protect Nearby Survey Marker" sign was removed from wires and refastened with conduits, 5' above grade, north and adjacent from monument. Stone was tested for acidity. "X" was retraced for clarity. Stone was painted orange. Geodetic controls for the monument were collected.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty. The stone was previously witnessed by the Monroe County Surveyor, Kevin Enright, on March 17, 2000 and accepted by the Monroe County Surveyor Review Board on November 02, 2000. The 2000 Monument Record accepted the stone per reports by surveyor Mike Mundy and several references in the old legal survey books. The 2000 monument record describing the monument as sandstone contradicts a Michael Sheppard survey, ALTA/ACSM Land Title Survey 477.8 Acres (2007), on file at the Recorder's Office as 2007012507.IN. The Sheppard survey describes the stone as limestone. The descriptions match in every other way. In 2022, the MCSO tested the stone with acid and determined it was sandstone. Other References on File: Vincent J. Barr survey, Route Survey for North Maple Grove Road (2015), on file at the Recorder's Office as 2015016926.IN. Historic research has not yet been performed to prove the validity of this monument.

CERTIFICATION:

MONUMENT RECORD State of Indiana - County of Monroe

Section: 30

Township:10 N

Range: 1 W

Corner ID: Wash E-19

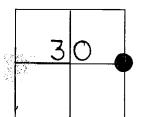
Monument Description & Remarks: sandstone (.32 height x .85 length x .50 width) with "+" survey stake and pink flagging.

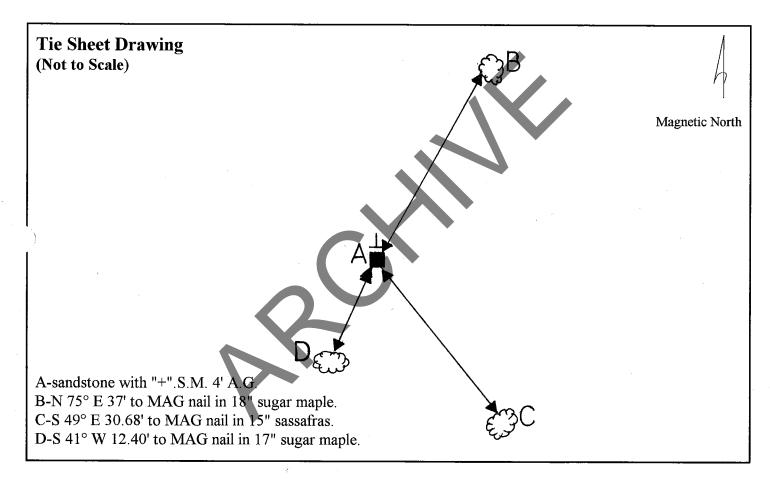
References On File: Reported as section corner by Mike Mundy and several references in old legal survey books.

Field Book: 2000-01

Page No.: 30

USGS Quad: Modesto





I, Kevin P. Enright, Monroe County Surveyor hereby certify that this document was proper under my direction in accordance with the provisions of Narch 2000.

Certified and sealed by the Monroe County Surveyor Review Board

Date:

MCSRB_Packet

October 13, 2000 Page 31

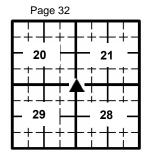


MONUMENT RECORD

Corner ID: Wash_I17

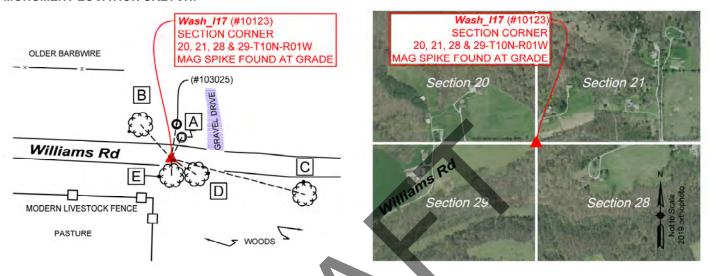
Section Corner

Sections 20, 21, 28 & 29- T10N-R01W, 2nd P.M. Washington Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.) Found Mag Spike at grade 1.5' south of center of West Williams Rd.

MONUMENT LOCATION SKETCH:



WITNESS MONUMENT TIES

All ties to new Bearing Trees (BTs) are a mag nail set in a 1-1/2" plastic washer stamped "SURVEY MARKER - DO NOT REMOVE" and hack mark at the root crown (less than 12" above ground) perpendicular to the center of the tree, unless otherwise noted. BT diameters are noted as dbh and are measured approximately 4.5' above ground. Bearings are measured from the monument to the center of the BT, distances are measured from the monument to the mag nail.

ID	BEARING	DISTANCE	DESCRIPTION	
Witness A	N 26d E	15.1'	Top center of a Cable Box 2.3' above grade	
Witness B	N 42d W	29.0'	Mag nail found 0.6' above grade on the east side of a 24" Sugar Maple Tree as per 2009 monument record.	
Witness C	S 75d E	87.2'	Mag nail signal found on the north side of a 32" Yellow Poplar Tree as per 2009 monument record.	
Witness D	S 39d E	14.9'	Mag nail found 0.4' on the east side of a 22" Sugar Maple Tree as per 2009 monument record.	
Witness E	S 32d E	12.3'	Mag nail found 0.4' above grade on the south side of 19" trifurcated Sugar Maple Tree.	
MONUMENT ACCESSORIES				

Other survey grade monuments that were located in the vicinity and their relation to the monument.

(#103025)	N 8d37'4" E	22.37'	1 1/4 " pinched pipe found 0.4' above grade.



Corner ID: Wash I17

Section Corner

Sections 20, 21, 28 & 29- T10N-R01W, 2nd P.M. Washington Township, Monroe County, Indiana

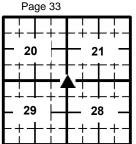


PHOTO IDENTIFIED: Photo Date: 04/21/2022



Photo Orientation & Description: Looking at Wash 117 from above



Photo Orientation & Description: Looking north at Wash 117



Photo Orientation & Description: Looking west at Wash 117



Photo Orientation & Description: Looking east at Wash 117

ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND: Include, search area or areas, search procedure, etc. Date of Field work/Search: 04/20/2022 & 04/22/2022 By: JG & HJ Monument Found: Mag Spike BTs or Reference Objects Found: Found Witnesses B, C, D & E from February 27, 2009 Monument Record Project #: Washington Monuments Field Book: 54/54 Equipment: The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid12b conus.db3, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover. Coordinates are available upon request. Distances to witness ties were collected with a Leica Disto laser distance meter and 100' measuring tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to grid north and are approximately shown hereon for reference. Priority should be given to provided distances over bearings. Notes: All witness photos on file in the Monroe County Surveyors Office.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc. Monument is 1.5' south of the centerline of Williams Road, 12' west of a gravel drive on the north side and a half mile west with

Williams Road's intersection with Simpson Chapel Road.

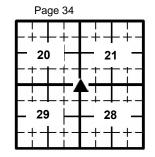


MONUMENT RECORD

Corner ID: Wash_I17

Section Corner

Sections 20, 21, 28 & 29- T10N-R01W, 2nd P.M. Washington Township, Monroe County, Indiana



MONUMENT PRESERVATION: Describe work done to preserve existing monument.

Geodetic controls were captured for the monument along with a new witness (pinched iron pipe). A second new witness was established (Witness A). Stability of sign "Protect Nearby Survey Markers" sign was assured.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty. The Mag Spike was set by the Monroe County Surveyor, Kevin Enright, on February 27, 2009 and accepted by the Monroe County Surveyor Review Board on March 10, 2009. Before that, the monument was represented by 1/2" rebar and witnessed by Monroe County Surveyor, Michael W. Friley, on October 8, 1993. Before that, the rebar was witnessed by Monroe County Surveyor, Edmund O. Farkas, on April 29, 1987. At the time, Mr. Farkas found the rebar bent and pulled from the ground. The Monroe County Surveyor straightened the rebar and reset it. Before that, the rebar was set by Monroe County Surveyor, Edmund O. Farkas, on April 14, 1982.

Mr. Enright set the 3" Mag Spike after finding the magnetic signal for the 1/2" Rebar under the asphalt and verifying its position using Witness C per his 2009 notes. References on File: Tracy L. McGill survey, Location Control Route Survey Plat Proposed I-69 Section 5, Segment 4 Connaught Road to Morgan County Line (2013) on file at the Recorder's Office as 2013015455.IN and Michael E. Sheppard survey, Plat of Survey of the Lands of Raymond Saidah in the East half of Section 28 (2011) on file at the Recorder's Office as 2011014851.IN and finally a survey performed by Eric L. Deckard, Walls –Sliding Scale Subdivision Final Plat (2021), on file at the Recorder's Office as 2021000685.IN. Historic research has not yet been performed to prove the validity of this monument.

CERTIFICATION:



MONUMENT RECORD State of Indiana - County of Monroe

Section: 21

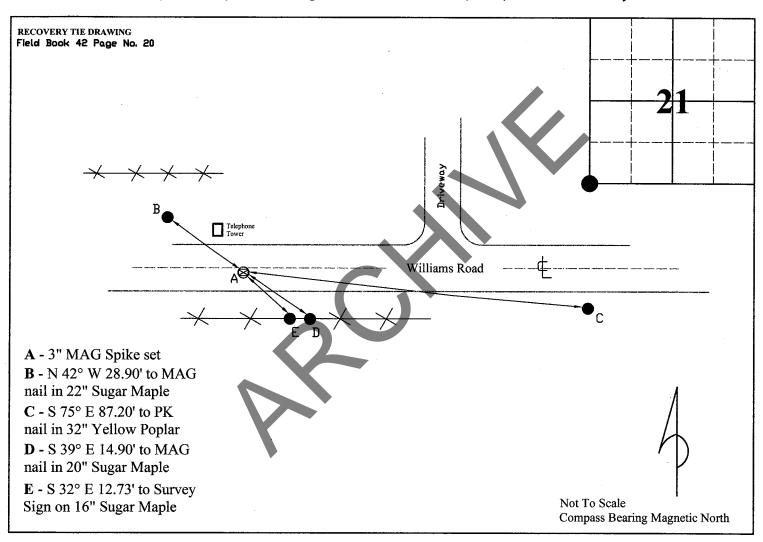
Township: 10 North

Range: 1 West

Corner ID: Wash I-17

Monument Description & Remarks: 3" MAG Spike set over 1/2" Rebar buried under black asphalt. Survey Sign 4.5ft above ground at pt. E

References On File: Edmund O. Farkas recovery tie drawing, Monument Record (1987) and Michael W. Friley recovery tie drawing, Monument Record (1993) on file in Surveyor Office



I, Kevin P. Enright, Monroe County Surveyor, hereby certify that this document was prepared under my direction in accordance with the provisions of section 36-2-12-11 of the Indiana County and the above data is a size of the section of the Indiana County and the Archive of the Indiana County and the Archive of the Indiana County and the Indiana County of the Indiana Count

is given under my hand and seal this 27th day of February, 2009.

Administered by the Monroe County Surveyor Review Board

Date:

3-10-2009 MCSRB_Packet

3 Page 35

Corner IPame 36#

I - 17

STATE OF INDIANA - COUNTY OF MONROE

ection <u>Twenty-one, 21</u> , Township <u>10 North</u> , Range	1 West
Monument Description & Remarks: Found 1/2" Rebar at SW Corne	
with flagging, 5" under surface, 1.2' South of centerline of	
Recovery Tie Drawing	
PK nail in SW side of twin 18" Maple, 6" above ground	
G of gravel drive	• At Corner
C _L of Williams Rd. S 74° E North side of 19" Yellow Po	
1/2" Rebar found 1.2' South of C _L (w/fencing) 2	
PK nail in NE side of 10" Maple, 6" above ground N	ot To Scale
State of Indiana County of Monroe I, Michael W. Friley , hereby certify	Space Reserved For Recording Officer
that this document was prepared under my direction in accordance with the provisions of Section 17-3-64-4 through 17-3-64-8 of the Indiana Code, being Acts of 1965, Chapter 319; and the above data is given under my hand and seal this8th day of, 19_93A.D.	
Indiana Registered Land Surveyor No or	Field Book:
Monroe County Surveyor's Office United States Government Agency	93-01
lonroe County Surveyor	Page:
Title	16

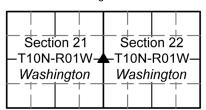
	MCSRB_Packet 3/21/2023	CORNER	Pager87
	MONUMENT RECORD	I	
	STATE OF INDIANA - COUNTY OF MONI	ROE	
	SECTION 29 TOWNSHIP 10 NORTH	RANGE 1 WE	ST
	MONUMENT DESCRIPTION & REMARKS	S	
	New corner ties established 4/29/87 F	OUND 1/2"	REBAR
	1' SOUTH OF THE CENTERLINE OF WILLIAMS ROAD	REBAR W	AS
	BENT - PULLED OUT OF GROUND, STRAIGHTENED,	AND PUT BA	CK IN.
	RECOVERY TIE DRAWING		
	P.K. NAIL ON WEST SI	DE	
	OF 6" FENCE POST	', -	
	PK. NAIL ON SOUTH SIDE OF 7"	AVEL (2)	
	SOUTH SIDE OF T"	(a)	AT CORNER
	31.5 '-		1
	C WILLIAMS ROAD		
		IL ON NORTH- E OF 9" MAPLE	
	EAST SIDE	:	1
		NOT	TO SCALE
1	STATE OF INDIANA		SPACE . RESERVED
	COUNTY OF MONROE		FOR RECORDING
	I EDMUND O. FARKAS HEREBY CERTIFY TO DOCUMENT WAS PREPARED UNDER MY DIRECTION IN A	HAT THIS	OFFICER.
	WITH THE PROVISIONS OF SECTION 17-3-64-4 - 17 THE INDIANA CODE, BEING ACTS OF 1965, CHAPTER	7-3-64-8 DF	
	THE ABOVE DATA IS GIVEN UNDER MY HAND AND SEATHIS 29TH DAY OF APRIL , 19 87 A.D.	AL	
	INDIANA REGISTERED LAND SURVEYOR NO		TOWNSHIP:
	OR		WASHINGTON
	UNITED STATES GOVERNMENT AGENCY		
		·	CORNER I.D.
	MCSTBL Flacket 3/21/2023	:	Page 37 - 17
			1



Corner ID: Wash_M15

Quarter Corner

Sections 21 & 22- T10N-R01W, 2nd P.M. Washington Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.) Found Boat Spike 0.2' below grade approximately 1' north of centerline of Fox Hollow Road.

MONUMENT LOCATION SKETCH:



WITNESS MONUMENT TIES

All ties to new Bearing Trees (BTs) are a mag nail set in a 1-1/2" plastic washer stamped "SURVEY MARKER - DO NOT REMOVE" and hack mark at the root crown (less than 12" above ground) perpendicular to the center of the tree, unless otherwise noted. BT diameters are noted as dbh and are measured approximately 4.5' above ground. Bearings are measured from the monument to the center of the BT, distances are measured from the monument to the mag nail.

ID	BEARING	DISTANCE	DESCRIPTION
Witness A	S 67d W	183.0'	Mag nail and washer set 0.5' above grade on the east side of a 13" Power Line Pole.
Witness B	S 14d E	17.5'	Found 35 M.P.H. sign post measured to center point 5' above grade as per 2004 monument record.
Witness C	S 44d W	70.1'	Found Fire Hydrant measured to a point on center peak north side as per 2004 monument record.
Witness D	N 59d W	56.0'	Mag nail and washer set 0.5' above grade on the east side of a 13" Power Line Pole.



Corner ID: Wash_M15

Quarter Corner

Sections 21 & 22- T10N-R01W, 2nd P.M. Washington Township, Monroe County, Indiana

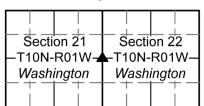


PHOTO IDENTIFIED: Photo Date: 06/29/2022



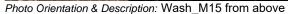




Photo Orientation & Description: Looking west at Wash M15

ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND: Include, search area or areas, search procedure, etc.

Date of Field work/Search: 06/29/2022 By: JG & HJ Monument Found: Boat Spike BTs or Reference Objects Found: Found Witnesses B & C from 2004 monument record. New power line poles were placed in representation of Witness D Project #: Washington Monuments Field Book: 54/68 Equipment: The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid12b_conus.db3, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover. Coordinates are available upon request.

Distances to witness ties were collected with a Leica Disto laser distance meter and a 100' mearing tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to grid north and are approximately shown hereon for reference. Priority should be given to provided distances over bearings. Notes: All witness photos on file in the Monroe County Surveyors Office.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

Wash_M15 was found approximately 1' north of the centerline of Fox Hollow Road. Its excavation site can be spotted from the eastern entry for residential drive of 8480 N Fox Hollow Road. On the south side of the street sits the United Pentecostal Assembly Family Life Worship Center.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Geodetic controls were captured for the monument. Two new witnesses were established.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty. The boat spike was previously witnessed by the Monroe County Surveyor, Steven V. Farkas, on December 27, 2004 using work conducted by Licensed Surveyor, Ben E. Bledsoe (LSS0559). Prior to that, the boat spike was set by Monroe County Surveyor, Michael Friley, on October 8, 1993 in order to replace a nail in bottle cap. At the time Bledsoe Tapp Co. verified that the nail in bottle cap was the monument held for this corner. References of File: Ben E. Bledsoe survey referencing nail in bottle cap, Boundary Survey for Yocum (1992), on file at the Recorder's Office as 00304246. Tracy L. McGill Survey, Location Control Route Survey Plat Proposed I-69 Section 5, Segment 4 Connaught Road to Morgan County Line (2013), on file at the Recorder's Office as 2013015455.IN. Christopher L. Porter survey, Retracement Boundary for April Ayers (2019), on file at the Recorder's Office as 2021022117.IN. Historic research has not yet been performed to prove the validity of this monument.

Corner I.D. # M-15

MONUMENT RECORD

STATE OF INDIANA ~ COUNTY OF MONROE

Ionument Description & Remarks: Boat Spike Flush	
Recovery Tie Drawing	
	
	21
R 3.	
· S ·	
Fox Hollow Rd A	• = at Corner
	1
A - Boot Spike	/
B - 35 M.P.H. Sign S 14' E, 17.5' from Spike	
C - Fire Hydrant S 42' W, 70.1' from Spike	
D - PK Nail in SW Side of Power pole N 28' E, 46.65' from Spike	N
	N.T.S.
tate Plane Coordinate (NAD83 Survey Feet, Indiana West Zone)-	
Northing: 1471759.7435 Easting: 3112712.33	609 Elev.: 789.99

I, Ben E. Bledsoe, Registered Land Surveyor, here by certify that this document was prepared under my direction in accordance with the provisions of Section 17-3-64-4 through 17-3-64-8 of the Indiana Code, being Acts of 1965, Chapter 319; this 27th day of December, 2004 A.D.

Pm & Bledson

Indiana Registered Land Surveyor No. S0559

MCSRB_Packet

3/21/2023

Page 42 Corner I.D.

STATE OF INDIANA - COUNTY OF MONROE

MONUMENT RECORD

Section <u>Twenty-one</u> , 21, Township <u>10 North</u> , Range _	1 West
	•
Monument Description & Remarks: East 1/4 Corner of Section	- Found nail in
bottle cap, verified by Bledsoe Tapp Co. to be corner. Re	placed with
Boat Spike, 0.9' North of centerline of Fox Hollow Road.	
Recovery Tie Drawing	
	-+
PK nail in	
Set Boat Spike % of 10" power	- + - + - +
0.9' North pole of Q	
01 41	
	• At Corner
Centerline——— Fox Hollow Rd.	A 1
E - 2	•
900 950	
w A	
Church	
Building	N
	Not To Scale
State of Indiana County of Monroe	Space Reserved For
	Recording
I, Michael W. Friley , hereby certify that this document was prepared under my direction in	Officer
accordance with the provisions of Section 17-3-64-4	
through 17-3-64-8 of the Indiana Code, being Acts of 1965, Chapter 319; and the above data is given under my hand and	
Chapter 319; and the above data is given under my hand and seal this 8th day of October , 1993 A.D.	
Indiana Registered Land Surveyor No or	Field Book:
Monroe County Surveyor's Office	93-01
United States Government Agency	Page:
Monroe County Surveyor Title	1,4