

**Office of the Monroe County Surveyor****Trohn Enright-Randolph**

Health Services Building

119 West 7th Street

Bloomington, IN 47404

Phone: (812) 349-2570

surveyoroffice@co.monroe.in.us

AGENDA
SURVEYOR REVIEW BOARD
REGULAR MEETING
Via Zoom App
Tuesday, June 21, 2022

- I. Call to Order**
- II. Approval of agenda**
- III. Approval of meeting minutes from April 19, 2022**
- IV. New Business**
 - a. Office Update**
 - b. Review of 0076_Deckard Land Surveying Corner Perpetuation Surveys:**
 - i. T09N-R02W-15_2022_MCR_Deckard_2022007082.IN_RSID004805
 - ii. T09N-R02W-16_2022_MCR_Deckard_2022007083.IN_RSID004804
 - iii. T09N-R02W-21_2022_MCR_Deckard_2022007088.IN_RSID004803
 - iv. T09N-R02W-22_2022_MCR_Deckard_2022007089.IN_RSID004802
- V. Certification of corners: VanBu_U19, Rich_S13**
- VI. Public input**
- VII. Adoption of next meeting date**
- VIII. Adjournment**

Zoom Meeting Information

<https://monroecounty-in.zoom.us/j/84648553923?pwd=VmdvUGl1MFR5NzU3VmhXK1JiejZzUT09>

Meeting ID: 846 4855 3923

Password: 668366

Dial by your location

+1 312 626 6799 US (Chicago)

Meeting ID: 846 4855 3923

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

MINUTES
SURVEYOR REVIEW BOARD
REGULAR MEETING

Hybrid Health Building Meeting Room and via Zoom App

APRIL 19, 2022 at 4 PM

MEMBERS PRESENT: Todd Borgman, Eric Deckard, Rachel Oser

MEMBERS ABSENT: None

STAFF: Trohn Enright-Randolph (County Surveyor), Donna Barbrick (Secretary), Jason George (Survey Technician), Technical Services

I. Call to Order: Trohn Enright-Randolph called the meeting to order.

II. Approval of Agenda

Motion to approve by Borgman; second by Oser. VOTE by roll call: Borgman YES, Deckard YES, and Oser YES. Motion carried unanimously.

III. Approval of meeting minutes from February 22, 2022

Motion to approve by Oser; second by Borgman. VOTE: Oser YES, Borgman YES, and Deckard YES. Motion carried unanimously.

IV. New Business

a. Office Update

Trohn talked about using the Health Building meeting room for hybrid meetings. He said MCSO has a new part-time field assistant.

V. Certification of corners:

Blm G01. Trohn said the same cap was found and there were new witnesses. Deckard had a question about a distance and a possible shift in the township line.

Blm I01. There was a discussion of how the circumference of trees was being measured. Trohn suggested approval of the corner conditional to converting circumference to diameter.

Wash G25. Trohn suggested a motion for approval conditional to re-evaluating measurements of trees, converting circumference to dbh (diameter at breast height).

Wash I25. Measuring by dbh was discussed. Oser had a comment about the triangles on the temp up.

Trohn suggested a motion to approve Blm G01, Wash G25, Blm I01, Wash I25 conditional to

- re-evaluating references for trees
- correcting Michael Sheppard's PS number
- correcting points on Wash I25 witness #10109 to witness #10112

- checking the bearings/coordinates on Wash I25 and Blm I01.

Motion by Deckard; second by Borgman. Vote: motion carried 3-0. Corners approved with conditions.

Public Input – none

Adjournment. The meeting adjourned at approximately 5:21 pm. The next meeting date is scheduled for June 21.

Minutes approved: _____

Secretary: _____

DRAFT

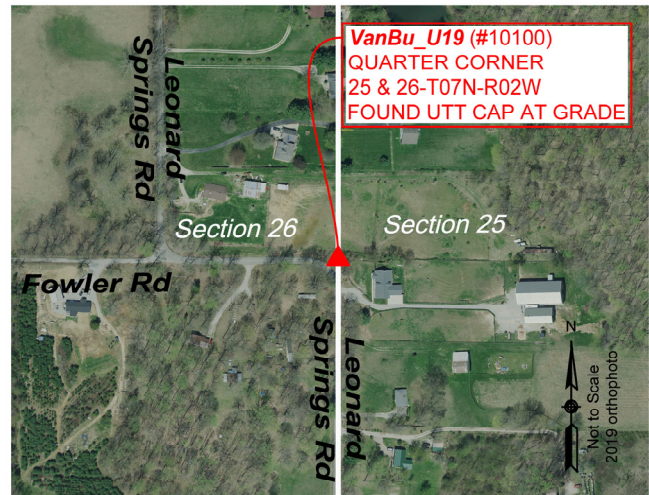
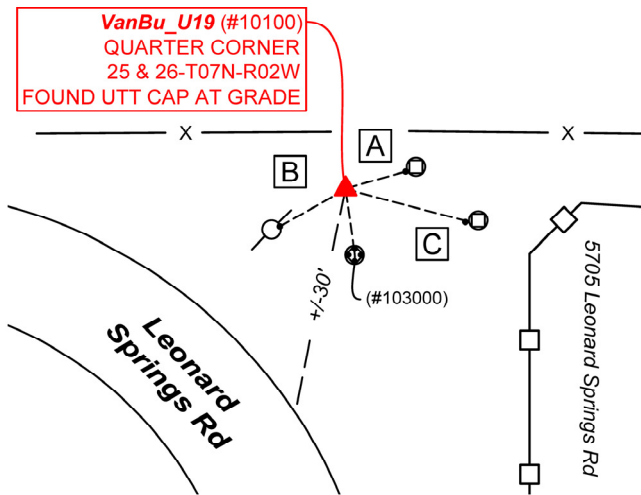
PENDING**MONUMENT RECORD**Corner ID: **VanBu_U19****¼ Corner**

Sections 25, 26 - T08N-R02W, 2nd P.M.
 VanBuren Township, Monroe County, Indiana

Section 26	Section 25
T07N-R02W	T07N-R02W
Van Buren	Van Buren

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

5/8" Rebar with yellow plastic cap stamped "UTT S-0089" found with base of cap at grade, approximately 30' east of Leonard Springs 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	N 74d E	10.0'	Mag nail found 0.5' above grade on the west side of a 3" x 5" 5' tall wooden corner post as per 2006 monument record.
Witness B	S 60d W	12.3'	Mag nail and washer set 1' above grade on the east side of 11" power line pole as per 2006 monument record.
Witness C	S 75d E	20.0'	Mag nail found 3' above grade on the west side of a 5"x8" 5.9' tall rail road tie post as per 2006 monument record.

MONUMENT ACCESSORIES

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.

(#103001)	S 7d56'52" E	10.57'	Abandoned utility pole anchor. Points collected at grade through eyelet. 3092213.50, 1403478.69
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PENDING

MONUMENT RECORD

Corner ID: **VanBu_U19**

1/4 Corner

Sections 25, 26 - T08N-R02W, 2nd P.M.
VanBuren Township, Monroe County, Indiana

Section 26 Section 25
T07N-R02W T07N-R02W
Van Buren *Van Buren*

PHOTO IDENTIFIED: *Photo Date: 5/23/2022*



Photo Orientation & Description: VanBu U19 from above



Photo Orientation & Description: Looking north at VanBu U19

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

Date of Field work/Search: 5/23/2022 *By:* HJ & JG *Monument Found:* Rebar with Utt cap. *BTs or Reference Objects Found:* Witnesses B, D, E & F were all found from 2006 monument record. *Project #:* Van Buren Preservation *Field Book:* 54/62 *Equipment:* Coordinate data was collected with a Javad Gemini 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 (INCRS). Distances obtained with GPS have not been adjusted to ground. Coordinates are available upon request. *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.

VanBu_U19 is located approximately 30' off of the east side of Leonard Springs Road, within a thicket where the parcels for 5479, 5667 and 5705 Leonard Springs Road could be found adjacent. The best path to the rebar is to approach it westerly from 5705 Leonard Spring Rd.'s driveway and along their fence line. Both the power line pole, the "Protect Nearby Survey Markers" sign and the railroad tie post can be spotted from road.

MONUMENT PRESERVATION: *Describe work done to preserve existing monument.*

"Protect Nearby Survey Markers" sign was replaced with a new one fastened with conduits. The sign post was painted. All witnesses were tied off with pink tape. A new mag nail with washer was set in power line pole. Clearing of overgrown vegetation aided in monument's visibility and access from the road. Geodetic Coordinates were collected for VanBu_U19 along with the new witness (#103001).

THEORY OF LOCATION: *Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.*

The rebar was previously witnessed by the Monroe County Surveyor, Kevin Enright, on June 29, 2006 and accepted by the Monroe County Surveyor Review Board on October 24, 2006. The 2006 Monument Record accepted the rebar per a preliminary plat by Bernard A. Guerretaz on file at the Surveyor's Office as RSID004811. References on File: Eric L. Deckard plat, Fowler Revocable Trust Minor Subdivision (2018), on file at the Recorder's Office as 2018014154.IN and 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:



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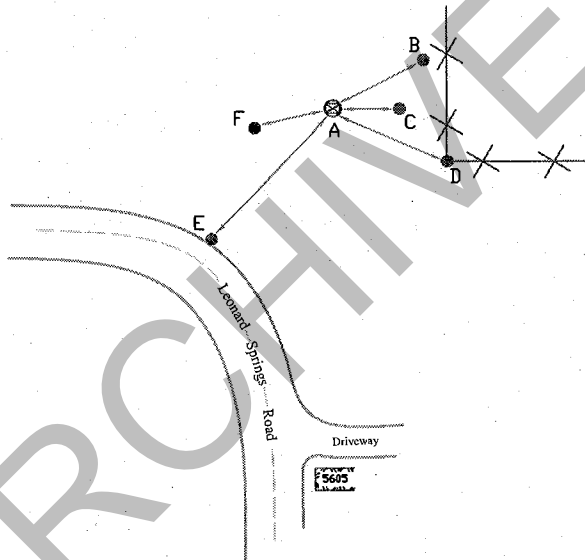
MONUMENT RECORD
State of Indiana - County of Monroe

Section: 26**Township:** 8 North**Range:** 2 West**Corner ID:** VanBu U-19

Monument Description & Remarks: 5/8" Rebar with, "Utt", cap found. Set metal post on north side with Survey Sign 4.5ft above ground.

References On File: Bernard A. Guerrettaz survey, Fowler Road Subdivision (2006), survey on file in Surveyor Office.

RECOVERY TIE DRAWING
Field Book 38 Page No. 24

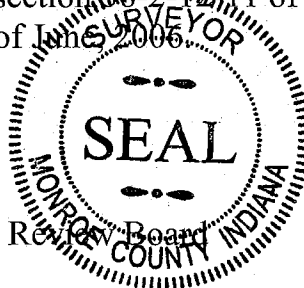


- A - 5/8" Rebar with cap.
B - N 86° E 10.01' to MAG nail
in 3"x5"x5' Wood Post.
C - S 86° E 5.66' to 1/2" Iron Pipe.
D - S 45° E 20.38' to MAG nail
in 5"x8" R.R. Tie Post.
E - S 65° W 30.40' to Edge of Road.
F - S 62° W 12.32' to MAG nail
in 11" PWP.

Not To Scale
Compass Bearing Magnetic North

I, Kevin P. Enright, Monroe County Surveyor, hereby certify that this document was prepared under my direction in accordance with the provisions of section 36-2-11 of the Indiana Code; and the above data is given under my hand and seal this 29th day of June, 2006.

Kevin P. Enright



Administered by the Monroe County Surveyor Review Board

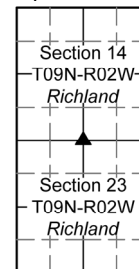


Date: 10/24/06

Drawn by: T.E.R. Print date: August 14, 2006

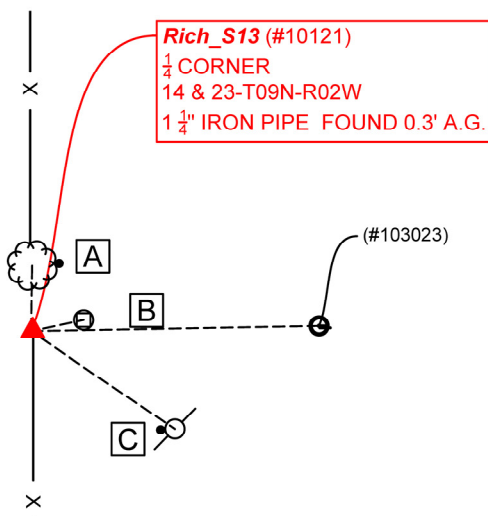
PENDING**MONUMENT RECORD**Corner ID: **Rich_S13****Quarter Corner**

Sections 14 & 23-T09N-R02W, 2nd P.M.
 Richland Township, Monroe County, Indiana



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

1 1/4" Iron Pipe 0.3' above grade at southwest corner of Westbrook Downs Section 4 Part 3.

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 1d E	6.8'	Mag nail with washer set in hack 0.4' above grade on the east side of a 3" oak tree
Witness B	N 78d E	5.6'	Center top of 2.75' tall Cable Tower as per 2006 monument record.
Witness C	S 56d E	18.1'	Found Mag Nail on "Protect Nearby Survey Marker" sign 5' above grade as per 2006 monument record.

MONUMENT ACCESSORIES

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.

(#103023)	N 88d57'33" E	29.98'	5/8" Rebar 0.3' above grade as per Witness C of 2006 monument record. This is the presumed southeast corner of Lot 53 as per plat for Westbrook Downs Section 4 Part 3.
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PENDING**MONUMENT RECORD**Corner ID: **Rich_S13****Quarter Corner**

Sections 14 & 23-T09N-R02W, 2nd P.M.
 Richland Township, Monroe County, Indiana

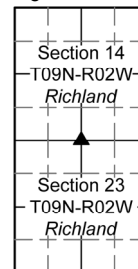
**PHOTO IDENTIFIED:** Photo Date: 04/18/2022

Photo Orientation & Description: Rich_S13 from above



Photo Orientation & Description: Looking west at Rich_S13

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

Date of Field work/Search: 04/18/2022 By: JG & HJ Monument Found: Iron Pipe BTs or Reference Objects Found: Found Witnesses B, C & D from 2006 Monument Record Project #: Rich_S13 Field Book: 54/53 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.

Rich_S13 is located at the southwest corner of Westbrook Downs Section 4 Part 3 and at the northwest corner of a residence for 5060 N Aldrin Court.

MONUMENT PRESERVATION: Describe work done to preserve existing monument.

Geodetic controls were captured for the monument as well as for (#103023) rebar. Sign was on utility pole. Set a new with witness A.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.

The iron pipe was previously witnessed by the Monroe County Surveyor, Kevin Enright, on December 15th, 2005 and accepted by the Monroe County Surveyor Review Board on December 19, 2006. The 2006 Monument Record accepted the iron pipe per a plat by Doug Curry, Westbrook Downs Section 4 Part 3 (1989) recorded as Instrument Number 1989900210.IN. Other References on File: Charles D. Graham survey, Cowdi, Mitchell & Bardi Builders Boundary Survey (2018) on file at the Recorder's Office as 2018001651.IN, a Charles D. Graham plat, Dan Rarey Type "E" Administrative Subdivision (2018) on file at the Recorder's Office as 2018015158.IN and an Eric L. Deckard survey, Fleetwood Boundary/As-Built Survey (2022) on file at the Recorder's Office as 2022003915.IN. Historic research has not yet been performed to prove the validity of this monument.

CERTIFICATION:**OFFICE OF THE MONROE COUNTY SURVEYOR • Trohn Enright-Randolph**

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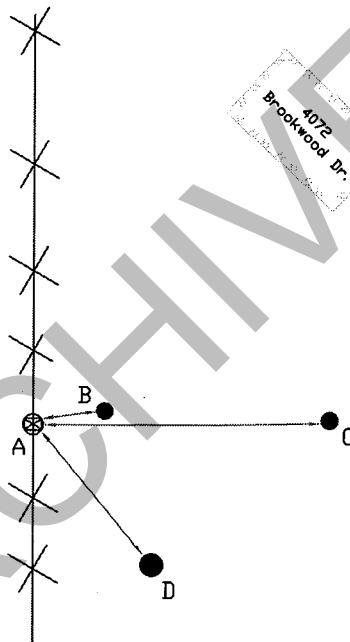
MONUMENT RECORD
State of Indiana - County of Monroe

Section: 14**Township:** 9 North**Range:** 2 West**Corner ID:** Rich S-13

Monument Description & Remarks: 1-1/4" Iron Pipe found. Survey Sign 6ft above ground at pt. (D).

References On File: Raymond Graham survey, Westbrook Downs (1988); on file in Surveyor Office.

RECOVERY TIE DRAWING
Field Book 37 Page No. 6



- A - 1-1/4" Iron Pipe.
B - N 80° E 5.60' to Cable Tower.
C - S 89° E 30.02' to 5/8" Rebar.
D - S 45° E 18.07' to MAG nail
in Survey Sign on 11" PWP.

Not To Scale
Compass Bearing Magnetic North

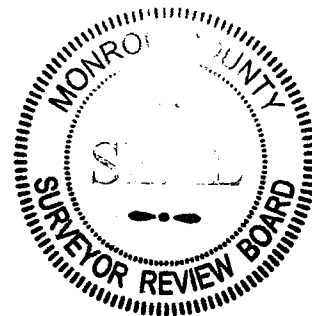


I, Kevin P. Enright, Monroe County Surveyor, hereby certify that this document was prepared under my direction in accordance with the provisions of section 36-12-11 of the Indiana Code; and the above data is given under my hand and seal this 15th day of December, 2005.

Kevin P. Enright



Administered by the Monroe County Surveyor, Kevin P. Enright



Date: 9-19-06