



AGENDA
SURVEYOR REVIEW BOARD
REGULAR MEETING
Via Zoom App
Tuesday, September 27, 2022

- I. Call to Order**
- II. Approval of agenda**
- III. New Business**
 - a. Office Update
 - b. Review of 0075_Oser_20210819_Perpetuation_ProjectAgreement T07N-R02W-31-32-33-34_2022_MCR_Oser_2022010375.IN_RSID004919
- IV. Certification of corners: InCr_A23, InCr_C21, InCr_C23, InCr_C25, InCr_E23, InCr_E25, InCr_G21, InCr_G23, InCr_G25, InCr_I21, InCr_I23, InCr_I25, InCr_K21, InCr_K23, InCr_K25, InCr_M21, InCr_M23, InCr_M25, InCr_O21, InCr_O23, InCr_O25, InCr_Q21, InCr_Q23, InCr_Q25, TwpCor_I**
 - i. Corners in **highlight** have previously been certified
- V. Public input**
- VI. Adoption of next meeting date**
- VII. 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



**MONROE COUNTY
SURVEYOR REVIEW BOARD
REGULAR MEETING MINUTES
Tuesday, August 23, 2022**

MEMBERS PRESENT: Eric Deckard, Rachel Oser

MEMBERS ABSENT: Todd Borgman

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

- I. Call to Order by Trohn Enright-Randolph**
- II. Approval of agenda.** Trohn asked to postpone approval of meeting minutes.
Motion to approve by Eric Deckard; second by Rachel Oser. VOTE: Yes – 2.
Motion carried unanimously.
- III.**
- IV. New Business**
 - a. Office Update**
Trohn said a new GIS Coordinator was hired. He said he would be sending out service agreements for two different areas of the county.
- V. Old Business**
 - a. 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
- VI. Certification of corners: Rich_O11, Rich_O13, Rich_O15, Rich_O17, Rich_Q09, Rich_Q11, Rich_Q13, Rich_Q15, Rich_Q17**

Rich_O11: Oser said she did not have any questions.

Rich_O13: Oser said she no longer had a question on this tie because she had read over the tiesheet more thoroughly and understood why the tied off monument was changed. There was a discussion of adding referenced surveys and Deckard said he could add the additional information to the tiesheet record.

Rich_O15: No questions.

Rich_O17: No questions.

Rich_Q09: No questions.

Rich_Q11: Trohn said the theory of location included the information that MCSO needed. No questions.

Rich_13: No questions.

Rich_Q15: No questions.

Rich_Q17: No questions.

Trohn asked for a motion to certify Rich_O11, Rich_O13 (condition to add referenced surveys to theory of location), Rich_O15, Rich_O17, Rich_Q09, Rich_Q11, Rich_Q13, Rich_Q15, Rich_Q17. Oser said so moved. Second by Deckard. VOTE: Yes – 1; Recuse – 1. Motion passed.

Public input - None

- VII. Adoption of next meeting date: September 27, 2022.**
- VIII. Adjournment. Meeting adjourned.**

Minutes approved: _____

MONUMENT RECORD

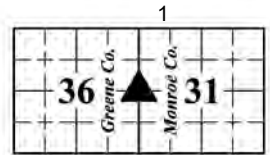
Corner ID: InCr_A23

Quarter Corner

Common to Section 31-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana and

Section 36-T07N-R03W, 2nd P.M., Center Township, Greene County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P270**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	8"	S 42° W	7.9'
Sugar	8"	N 2° W	10.6'

Notes: **Common Corner**

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **2/26/1878** By: **W.Clogston**

Where filed or recorded: **Greene County LSB 3, pg 066**

Original monument: **Set Stone**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
W.Oak	24"	S 6° E	34.3'
Beech	12"	N 21° W	18.2'

Notes: **Re-Established E1/4 Section 36-T7N-R3W**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/24/2022** By: **RSO & PMO** Monument Found: **No** BTs or Reference Objects Found: **None** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Dustin Ballard showed a calculated location for this corner on his 2011 Route Survey for I-69 Section 4, Segment 5 recorded as Greene County Instrument Number 2011-0923. Ballard calculated the corner at the midpoint between the stone at TwpCor_I and the rebar at InCr_A21.

PERPETUATION RECORD

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

5/8" rebar with 2" aluminum cap set 0.2 feet above grade. The cap is stamped "MONROE COUNTY SURVEYOR W 1/4 + S 31 2110022".

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 corner is on a wooded hillside approximately 1300 feet southwest of the house at 9725 Thacker Road and 22.5 feet east of the remains of a north to south wire fence.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

Greene County Surveyor W. Clogston set a stone at this corner in 1878. No trace was found of the stone or its accessories. In 1996, Lee Utt surveyed a 419.92 acre tract in Section 31. Through the course of the 1996 survey, Utt found the stone at the SW corner of Section 31, set rebars at the NW, SE, S/4, E/4, CN/16, NE/16, CE/16, and S/16 corners of Section 31, and calculated the NE, W/4, and C/4 corners of Section 31. We reestablished this corner based on ties to the Lee Utt survey. More specifically, this corner was established at the intersection of the west line of Section 31 beginning at the Oser rebar found at the Northwest corner (InCr_A21) and the stone found at the Southwest corner (TwpCor_I) with the east/west half section line beginning at a rebar with Utt cap found at the CE 1/16 corner of Section 31 (InCr_D23) and a rebar with Utt cap (#10286) found 99.94 feet westerly of the Center 1/4 corner of Section 31 (InCr_C23). This position is 0.67 feet south of the midpoint between the Northwest and Southwest corners of Section 31 and 0.69 feet north of the proportional location of the corner based on record distances from the 1878 Clogston survey.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument set at this corner relates to the original location. Therefore, the**

MONUMENT RECORD

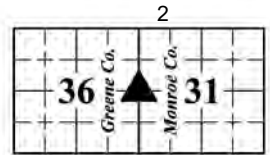
Corner ID: InCr_A23

Quarter Corner

Common to Section 31-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana and

Section 36-T07N-R03W, 2nd P.M., Center Township, Greene County, Indiana



uncertainty cannot be determined.

- Discrepancies in the Documents: **0.7 feet.**
- Inconsistencies in the lines of Occupation: **22.5 feet.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was set 0.25 feet east of the rebar with a yellow Monroe County "PROTECT NEARBY SURVEY MARKER" sign attached 3 feet above grade.

GEODETIC COORDINATES: Northing: **1366663.90'**, Easting: **3066738.90'**

BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. **The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.**

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	N 23° W	47.9'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 8" above grade on the east side of an 18" dbh white oak in north/south wire fence remains
B	N 82° E	10.8'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 6" above grade on the south side of a 7" dbh tulip poplar
C	S 4° E	15.9'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 8" above grade on the east side of a 13" dbh beech
D #10290	N 0°9'19" W	136.87'	5/8" rebar with yellow plastic cap stamped "UTT S-0089" found 6" above grade at the southwest corner of Lot 1 in Kirkley Subdivision recorded as Instrument Number 820110 and filed in Plat Cabinet C, envelope 254

Notes: **Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Witness D was located with RTK.**

MONUMENT RECORD

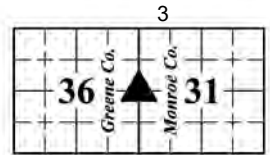
Corner ID: InCr_A23

Quarter Corner

Common to Section 31-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana and

Section 36-T07N-R03W, 2nd P.M., Center Township, Greene County, Indiana



MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.

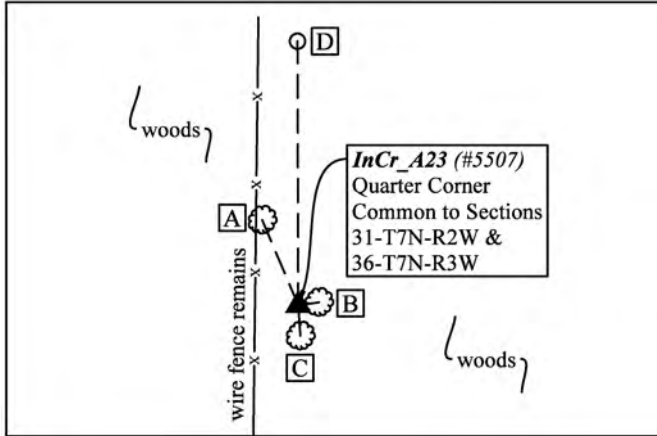


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County "PROTECT NEARBY SURVEY MARKER" sign. Provide photo orientation and date. Additional photos may be included by clicking the "+" button at the end of the horizontal line.

Photo Date: 3/24/2022



Photo Orientation & Description: **Stamped cap at A23**



Photo Orientation & Description: **Looking east at A23**

FIELD PERSONNEL:

Field Date: 3/24/2022 By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: 3, page: 45 Notes: None

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

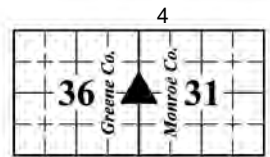
Corner ID: InCr_A23

Quarter Corner

Common to Section 31-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana and

Section 36-T07N-R03W, 2nd P.M., Center Township, Greene County, Indiana



OFFICE USE ONLY

NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:

Offeror Name: Rachel Savich Oser	Firm Name: Oser Surveying & Mapping LLC	
Phone: 812-320-2694	Email: Rachel@OserSurveying.com	
Corner Classification: Unknown	Corner Coordinate Status: Unknown	
Issue Date: 2/23/2022	Form Due Date: 3/31/2022	Form Receipt Date:

COUNTY SURVEYOR APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

SURVEYOR REVIEW BOARD APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

MONUMENT RECORD

Corner ID: InCr_C21

Quarter Corner

Sections 30 & 31-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P292**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Hickory	8"	S 82° E	11.9'
Dogwood	6"	S 36° W	9.2'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **1/24/1845** By: **James Spencer**

Where filed or recorded: **MCSO LSB 1, page 082**

Original monument: **Not described**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
None			

Notes: **Spencer measured to this corner, but did not describe the monument or take new witnesses**

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **10/09/1846** By: **James Spencer**

Where filed or recorded: **MCSO LSB 1, page 087**

Original monument: **Not described**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
None			

Notes: **Spencer measured to this corner, but did not describe the monument or take new witnesses**

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **10/09/1846** By: **James Spencer**

Where filed or recorded: **MCSO LSB 1, page 088**

Original monument: **Not described**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
None			

Notes: **Spencer measured to this corner, but did not describe the monument or take new witnesses**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/21/2022** By: **RSO & PMO** Monument Found: **Rebar with Deckard cap**

BTs or Reference Objects Found: **None** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
9/6/2000	Bledsoe, Ben	40.21 acre survey in Section 30	MCR 200015048
8/4/2020	Deckard, Eric Lee	Willoughby Minor Subd. Final Plat	MCR 2020021994
4/8/2021	Deckard, Eric Lee	Willoughby Minor Subdivision Plat Amendment One	MCR 2021011664
4/20/2021	Deckard, Eric Lee	Wessel Type E Administrative Subdivision - Final Plat	MCR 2021011663
ORIGIN OF DECKARD REBAR			
9/28/2021	Deckard, Eric Lee	Flynn-Patrias Type E Administrative Subdivision	MCR 2021023140

PERPETUATION RECORD

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

5/8" rebar with blue plastic cap stamped "DECKARD FIRM #0129" found 5" above grade.

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 rebar is 2 feet east of a north to south wire fence and 195 feet north of the centerline of Thacker Road.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

Eric Deckard set the rebar in 2021 as shown on the Wessel Type E Administrative Subdivision Final Plat recorded as Instrument Number 2021011663. Mr. Deckard set the corner per the position calculated by Ben Bledsoe in 2000. The rebar is within 2 feet of an existing fence line running north and south.

MONUMENT RECORD

Corner ID: InCr_C21

Quarter Corner

Sections 30 & 31-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: *Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.*
- Discrepancies in the Documents: *Up to 11.3 feet due to different proportionate results based on measurements provided in an 1846 legal survey by James Spencer.*
- Inconsistencies in the lines of Occupation: *+/- 2 feet.*
- Theoretical Uncertainty (Random Errors in Measurement): *The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.*

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A t-post was set 0.25 feet east of the rebar with a Monroe County "PROTECT NEARBY SURVEY MARKER" sign attached 3.5 feet above grade.

GEODETIC COORDINATES: Northing: *1369292.50'*, Easting: *3068683.44'*

BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	N 69° W	7.4'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 12" above grade on the north side of a 14" dbh sugar maple
B	S 32° W	14.1'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 16" above grade on the west side of a 16" dbh sugar maple
C	N 26° E	25.6'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 12" above grade on the west side of a multiple 7" stemmed osage orange

Notes: *Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.*

MONUMENT RECORD

Corner ID: InCr_C21

Quarter Corner

Sections 30 & 31-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.

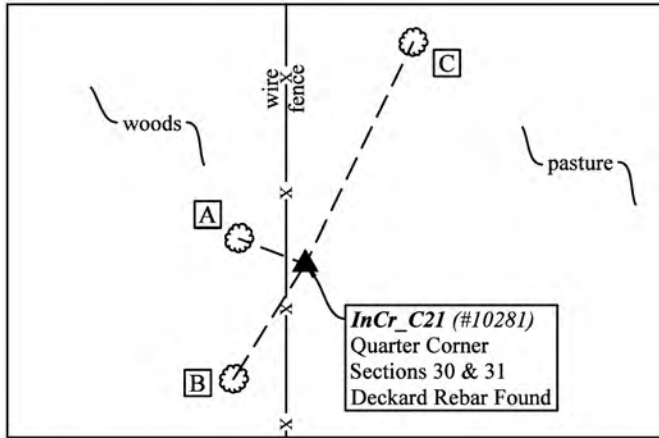


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: 3/21/2022



Photo Orientation & Description: **Deckard rebar at C21**



Photo Orientation & Description: **Looking east at C21**

FIELD PERSONNEL:

Field Date: 3/21/2022 By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 3 West** Field Book: **3**, page: **44** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**
Indiana Professional Surveyor No.: **21100022**
Firm Name: **Oser Surveying & Mapping LLC**
Date: **3/31/2022**
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_C21

Quarter Corner

Sections 30 & 31-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



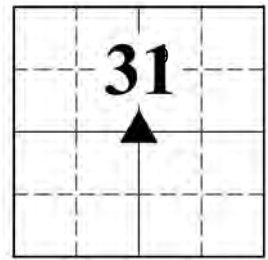
OFFICE USE ONLY

NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:			
Offeror Name: Rachel Savich Oser		Firm Name: Oser Surveying & Mapping LLC	
Phone: 812-320-2694		Email: Rachel@OserSurveying.com	
Corner Classification: Unknown		Corner Coordinate Status: Unknown	
Issue Date: 2/23/2022	Form Due Date: 3/31/2022		Form Receipt Date:

COUNTY SURVEYOR APPROVAL:		
☐ Yes, Signature:	Date:	
☐ No, reasons for denial		Seal:

SURVEYOR REVIEW BOARD APPROVAL:		
☐ Yes, Signature:	Date:	
☐ No, reasons for denial		Seal:

MONUMENT RECORD
Corner ID: **InCr_C23**
Center ¼ Corner
Section 31-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: By:

Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: **Not an original government corner**

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: By:

Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: **No legal survey records found**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/24/2022** By: **RSO & PMO** Monument Found: **No** BTs or Reference Objects Found: **None** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

No survey history found.

PERPETUATION RECORD

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

5/8" rebar with 2" aluminum cap set 0.3 feet above grade. The cap is stamped "MONROE COUNTY SURVEYOR C ¼ + S 31 21100022".

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 corner is on a wooded hillside approximately 1100 feet south of the garage at 9301 W Thacker Road. There is no obvious evidence of possession in the immediate vicinity of the corner. Traces of east to west fence remains were observed approximately 24 feet north of the corner.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

In 1996, Lee Utt surveyed a 419.92 acre tract in Section 31. Through the course of the 1996 survey, Utt found the stone at the SW corner of Section 31, set rebars at the NW, SE, S/4, E/4, CN/16, NE/16, CE/16, and S/16 corners of Section 31, and calculated the NE, W/4, and C/4 corners of Section 31. We reestablished this corner based on ties to the Lee Utt survey. More specifically, this corner was established at the intersection of the east/west half section line beginning at a rebar with Utt cap found at the CE 1/16 corner of Section 31 (InCr_D23) and running through a rebar with Utt cap (#10286) found 99.97 feet westerly of the Center ¼ corner of Section 31 (InCr_C23) with the north/south half section line beginning at a rebar with Utt cap found at the CN 1/16 corner of Section 31 (InCr_C22) and ending at a rebar with Utt cap found at the South 1/4 corner of Section 31 (InCr_C25). This position is within 0.4 feet of the intersection of opposite quarter corners.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: **None noted.**
- Discrepancies in the Documents: **None noted.**
- Inconsistencies in the lines of Occupation: **24 feet.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

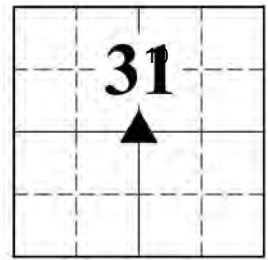
MONUMENT RECORD

Corner ID: InCr_C23

Center 1/4 Corner

Section 31-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



Steel t-post set 0.25 feet south with a Monroe County Survey Marker sign attached 3 feet above grade.

GEODETIC COORDINATES: Northing: 1366646.80', Easting: 3068556.06'

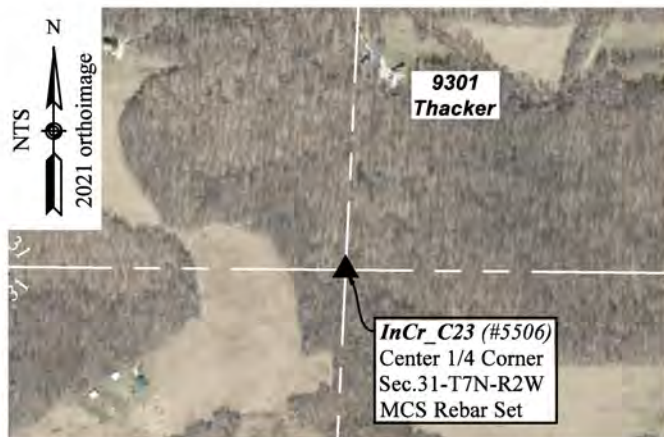
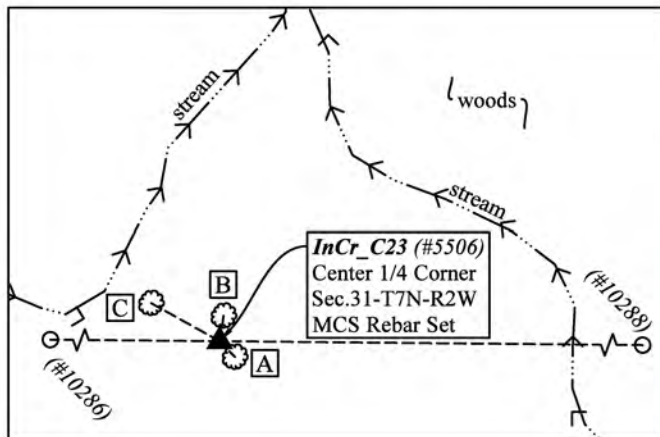
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BT's should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	S 44° E	6.85'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 9" above grade on the north side of an 11" dbh sugar maple
B	N 9° E	8.0'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 8" above grade on the west side of a 3" dbh elm
C	N 61° W	24.4'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 6" above grade on the south side of a 5" dbh tulip poplar
#10286	N 89°27'39" W	99.97'	5/8" rebar with yellow plastic cap stamped "UTT S-0089" found 2" above grade at the Southwest corner of Lot 2 in Flynn-Patrias Type E
#10288	S 89°27'19" E	284.01'	5/8" rebar with yellow plastic cap stamped "UTT S-0089" found 2" above grade at the Northeast corner of Lot 3 in Kirkley Subdivision

Notes: Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings. Witness ties #10286 and #10288 were located with RTK.

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD

Corner ID: InCr_C23

Center 1/4 Corner

Section 31-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/24/2022**



Photo Orientation & Description: **Rebar at C23**



Photo Orientation & Description: **Looking south at C23**

FIELD PERSONNEL:

Field Date: **3/24/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **45** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

OFFICE USE ONLY

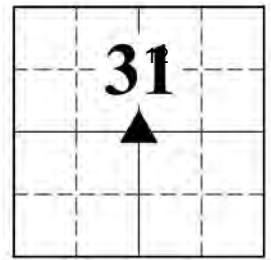
NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:			
Offeror Name: Rachel Savich Oser		Firm Name: Oser Surveying & Mapping LLC	
Phone: 812-320-2694		Email: Rachel@OserSurveying.com	
Corner Classification: Unknown		Corner Coordinate Status: Unknown	
Issue Date: 2/23/2022	Form Due Date: 3/31/2022	Form Receipt Date:	

MONUMENT RECORD

Corner ID: InCr_C23

Center ¼ Corner

Section 31-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



COUNTY SURVEYOR APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

SURVEYOR REVIEW BOARD APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

DRAFT

MONUMENT RECORD
Corner ID: **InCr_C25**
South 1/4 Corner
Section 31-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P264**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
W.Oak	24"	S 50° E	16.5'
Walnut	20"	N 47° W	15.8'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **10/9/1846** By: **James Spencer**

Where filed or recorded: **MCSO LSB 1, page 087**

Original monument: **Not described**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
None			

Notes: **Spencer measured to this corner, but did not describe the monument or take new bearing trees.**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/21/2022** By: **RSO & PMO** Monument Found: **Utt Rebar** BTs or Reference Objects Found: **None** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

The rebar was set by Lee Utt in 1997 as shown on a survey of 71.69 acres in Section 31 dated 3/25/1997. The survey is filed in the Monroe County Auditor's Office and a digital copy is available from the Monroe County Surveyor as RSID 002089. Utt established the corner at the record original survey distance of 2640 feet from the Southeast corner of Section 31.

PERPETUATION RECORD

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

A 5/8" rebar with a yellow cap stamped "UTT S-0089" was found 2" above grade next to a steel t-post. We replaced the plastic Utt cap with a 2" aluminum cap stamped "MONROE COUNTY SURVEYOR S31 + S1/4 21100022". The top of the cap is flush with grade.

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.

From the southwest corner of the mowed field behind the house at 9828 S Wever Road, follow a new logging road westerly for approximately 1700 feet. The rebar is in line with closely spaced t-posts to the east and west.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

Lee Utt set this corner at the record original survey distance of 2640 feet from the Southeast corner of Section 31. The rebar was accepted as the best evidence of the corner.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.**
- Discrepancies in the Documents: **20.54 feet due to the difference between the measured distance to the North 1/4 Corner of Section 6-T6N-R2W and the record distance calculated from the original survey notes.**
- Inconsistencies in the lines of Occupation: **None noted.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY

MONUMENT RECORD

Corner ID: InCr_C25

South 1/4 Corner

Section 31-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was set 0.4 feet south of the rebar with a Monroe County Survey Marker sign attached 3.5 feet above grade.

GEODETIC COORDINATES: Northing: 1364000.94', Easting: 3068427.87'

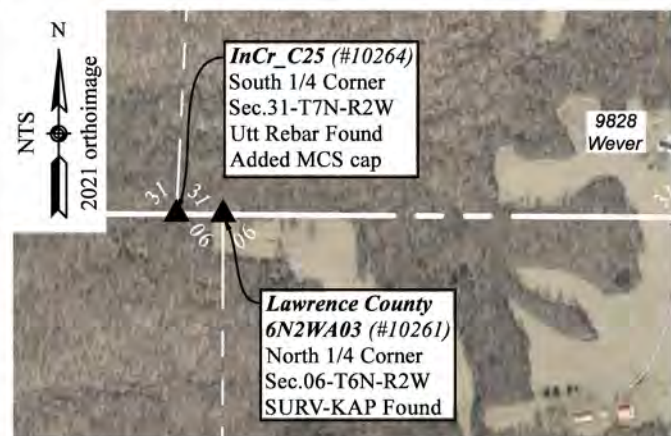
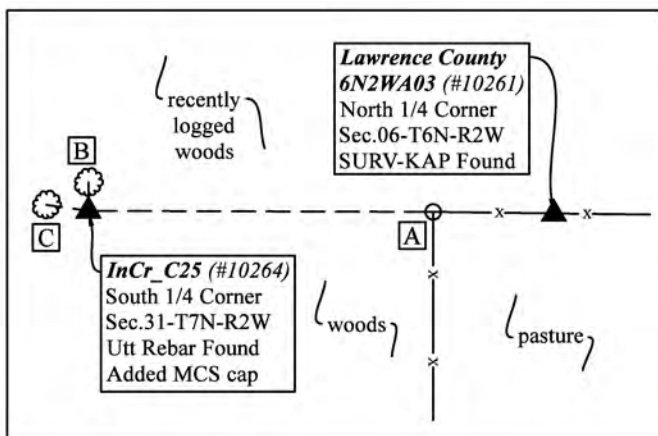
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. **The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.**

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
#10261	S 89°36'43" E	242.14'	SURV-KAP aluminum monument found flush at the North 1/4 Corner of Section 6-T6N-R2W, Lawrence County Corner ID 6N2WA03
A	S 90° E	179.3'	6" cedar fence post with wire fence to the east and south
B	N 0° W	14.8'	2" mag nail and orange flagging set in hack mark 12" above grade on the west side of a 12" dbh maple
C	N 82° W	22.0'	2" mag nail and orange flagging set in hack mark 6" above grade on the south side of an 8" dbh maple

Notes: Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings. #10261 and Witness A were measured with RTK.

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD

Corner ID: InCr_C25

South 1/4 Corner

Section 31-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/21/2022**



Photo Orientation & Description: **Rebar at C25**



Photo Orientation & Description: **Looking south at C25**

FIELD PERSONNEL:

Field Date: **3/21/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **44** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

OFFICE USE ONLY

NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:			
Offeror Name: Rachel Savich Oser		Firm Name: Oser Surveying & Mapping LLC	
Phone: 812-320-2694		Email: Rachel@OserSurveying.com	
Corner Classification: Referenced		Corner Coordinate Status: Unknown	
Issue Date: 2/23/2022	Form Due Date: 3/31/2022	Form Receipt Date:	

MONUMENT RECORD

Corner ID: InCr_C25

South 1/4 Corner

Section 31-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



COUNTY SURVEYOR APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

SURVEYOR REVIEW BOARD APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

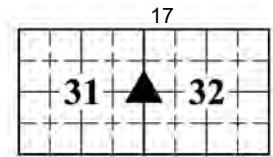
DRAFT

MONUMENT RECORD

Corner ID: InCr_E23

Quarter Corner

Sections 31 & 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P270**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
B.Oak	24"	N 26° E	8.6'
Beech	--	S 21° W	8.6'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: By:

Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: **No legal survey records found**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/21/2022** By: **RSO & PMO** Monument Found: **Utt rebar** BTs or Reference Objects Found: **No** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Utt, Lee	81.46 acre survey in Sections 32 & 32	MCS RSID 002090
9/9/1996	Utt, Lee	419.92 acres in Section 31-7N-2W, 40.13 acres in Section 32-7N-2W and 48.22 acres in Section 6-6N-2W ORIGIN OF UTT REBAR	MCR Survey Book 4, pages 213-220 MCR 00703688
9/12/1996	Utt, Lee	69.67 acre survey in Section 31	MCR Survey Book 4, pages 159-161 MCR 00703673
3/5/2001	Utt, Lee	Deckard to Brinegar survey in Section 32	MCR 2001023854
11/16/2002	Tapp, Philip O.	Thacker Road Admin. Subd. in Section 32	MCR 2002027622

PERPETUATION RECORD

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 2" above grade.

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.

From the northeast corner of the field at 9820 S Wever Road, follow the fence line northerly through the woods for approximately 550 feet to the corner, which is in line with wire fence to the north, south, and east.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

The rebar was set by Lee Utt in 1996 as shown on his 419.92 acre survey in Section 31 and has consistently been accepted as the corner on subsequent surveys. We accepted the rebar as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

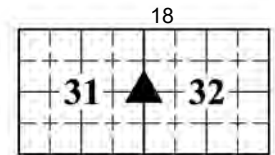
- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.**
- Discrepancies in the Documents: **None noted.**
- Inconsistencies in the lines of Occupation: **None noted.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT RECORD

Corner ID: InCr_E23

Quarter Corner

Sections 31 & 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was set 0.6 feet east of the rebar with a Survey Marker sign attached 3.5 feet above grade.

GEODETIC COORDINATES: Northing: 1366622.22', Easting: 3071187.21'

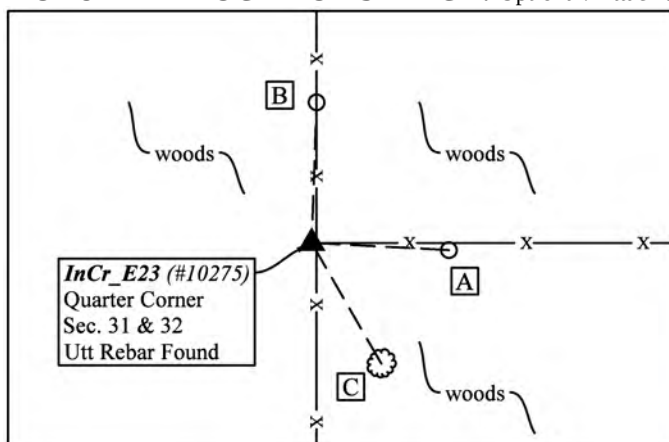
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g. SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	S 87° E	7.05'	2" mag nail and 1-1/2" orange plastic disc set 6" above grade on the south side of a 6" cedar post
B	N 2° E	7.2'	2" mag nail and 1-1/2" orange plastic disc set 4" above grade on the west side of a 6" wood post
C	S 30° E	7.15'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 12" above grade on the west side of a 26" dbh tulip poplar
D	North	0.4'	South side of an 8" wood post with fence to the north, south, and east

Notes: Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD

Corner ID: InCr_E23

Quarter Corner

Sections 31 & 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

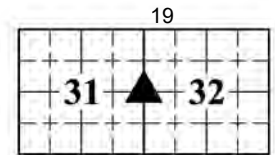


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/21/2022**



Photo Orientation & Description: **Utt rebar at E23**



Photo Orientation & Description: **Looking east at E23**

FIELD PERSONNEL:

Field Date: **3/21/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **44** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

OFFICE USE ONLY

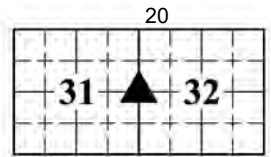
NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:			
Offeror Name: Rachel Savich Oser	Firm Name: Oser Surveying & Mapping LLC		
Phone: 812-320-2694	Email: Rachel@OserSurveying.com		
Corner Classification: Referenced	Corner Coordinate Status: Unknown		
Issue Date: 2/23/2022	Form Due Date: 3/31/2022	Form Receipt Date:	

MONUMENT RECORD

Corner ID: InCr_E23

Quarter Corner

Sections 31 & 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



COUNTY SURVEYOR APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

SURVEYOR REVIEW BOARD APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

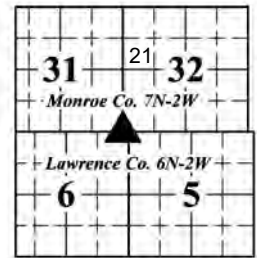
DRAFT

MONUMENT RECORD

Corner ID: InCr_E25

Section Corner

Sections 31 & 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P264**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Gum	15"	S 87° W	16.5'
Beech	6"	N 84° E	20.5'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: By:

Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: **No legal survey records found**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/21/2022** By: **RSO & PMO** Monument Found: **Rebar** BTs or Reference Objects Found: **None** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
9/9/1996	Utt, Lee	419.92 acres in Section 31-7N-2W, 40.13 acres in Section 32-7N-2W and 48.22 acres in Section 6-6N-2W ORIGIN OF UTT REBAR	MCR Survey Book 4, pages 213-220, Instrument 703688
3/25/1997	Utt, Lee	71.69 acre survey in Section 31	Monroe County Auditor MCSO RSID 002089
12/8/1997	Utt, Lee	Survey for McMillan in Section 5	LCSO
7/24/2014	Deckard, Eric	Stephen Franklin Boundary Survey in Sections 31 and 32	MCR Survey Cab. S2, env.77 Instrument 2014012853

PERPETUATION RECORD

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

A 5/8" rebar was found 4" below grade. We added a 2" aluminum cap stamped "MONROE COUNTY SURVEYOR 2022 S31 S32 + S06 21100022".

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 south line of the Southeast ¼ of Section 31 was recently linestaked with wooden lath. A line of newly planted saplings, each supported by a t-post, follows the linestakes offset 5 feet to 5.5 feet south. Wire fence remains were observed from 18 feet to 8 feet north of the south line of Section 31.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

Lee Utt set the rebar in 1996 at the record falling (262.68 feet) west of the closing corner for Sections 5 & 6-T6N-R2W (Lawrence County Corner Record Perry A05) and on line between the stone at said A05 and the stone at the township corner (TwpCor_I). The rebar has consistently been accepted on subsequent surveys and we accepted it as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

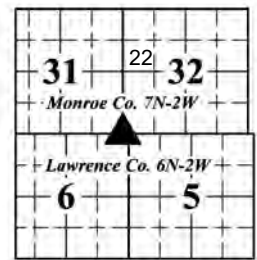
- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.**

MONUMENT RECORD

Corner ID: InCr_E25

Section Corner

Sections 31 & 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



- Discrepancies in the Documents: **0.66 feet.**
- Inconsistencies in the lines of Occupation: **None noted.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was found 0.3 feet south of the rebar. We attached a Survey Marker sign 2.5 feet above grade.

GEODETIC COORDINATES: Northing: **1363984.90'**, Easting: **3071068.14'**

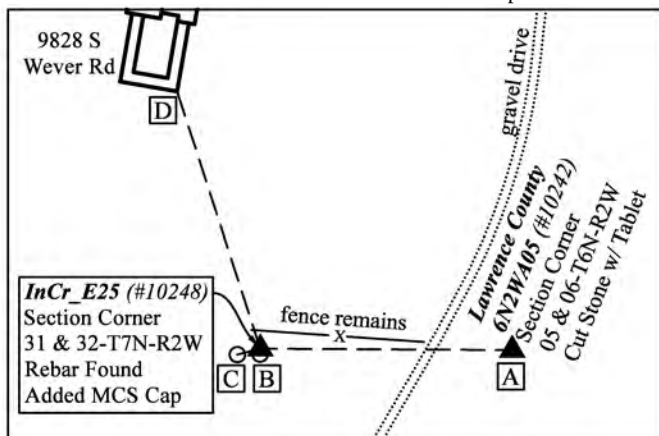
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. **The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.**

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	S 89°41'56" E	262.04	6"x6" cut limestone with 3-1/2" brass tablet at the Section Corner common to Sections 05 & 06-T6N-R2W (Lawrence County Corner ID 6N2WA05)
B	S 2° W	5.6'	1-1/2" orange plastic disc attached to t-post supporting a maple sapling
C	S 76° W	24.7'	1-1/2" orange plastic disc attached to t-post supporting a maple sapling
D	N 18° W	281.2'	Southeast corner of porch at 9828 S Wever Road

Notes: **Bearings & Distances to all witness ties were measured with RTK.**

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD

Corner ID: InCr_E25

Section Corner

Sections 31 & 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

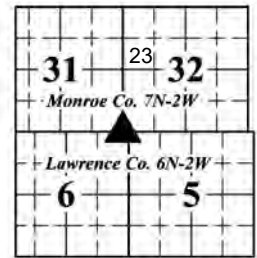


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/21/2022**



Photo Orientation & Description: **Capped rebar at E25**



Photo Orientation & Description: **Looking south at E25**

FIELD PERSONNEL:

Field Date: **3/21/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **44** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

OFFICE USE ONLY

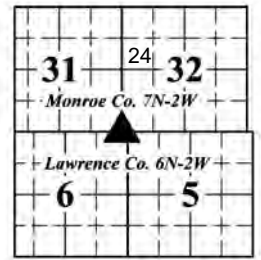
NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:			
Offeror Name: Rachel Savich Oser		Firm Name: Oser Surveying & Mapping LLC	
Phone: 812-320-2694		Email: Rachel@OserSurveying.com	
Corner Classification: Referenced		Corner Coordinate Status: Unknown	
Issue Date: 2/23/2022	Form Due Date: 3/31/2022	Form Receipt Date:	

MONUMENT RECORD

Corner ID: InCr_E25

Section Corner

Sections 31 & 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



COUNTY SURVEYOR APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

SURVEYOR REVIEW BOARD APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

DRAFT

MONUMENT RECORD

Corner ID: InCr_G21

Quarter Corner

Sections 29 & 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P287**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar	6"	N 48° E	24.4'
W.Oak	20"	N 75° W	15.8'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **11/1/1856** By: **James Spencer**

Where filed or recorded: **MCSO LSB 1, pg 317**

Original monument: **Not described**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: **Spencer commenced his survey at this corner, but did not describe the monument or take new witnesses**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/17/2022 and 3/24/2022** By: **Rachel and Phil Oser** Monument Found: **PK Nail** BTs or Reference Objects

Found: **Found all witness ties from Pending Monument Record dated 11/5/2010** Notes: **Did not accept nail**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
11/1/1856	Spencer, James	Legal Survey in Section 29	MCSO LSB 1, pg 317
8/3/2000	Utt, Lee	30.19 acres for Raines in Section 32 (Calculated the corner and set a 30-foot witness to the south)	MCR 2000021024
3/16/2001	Tibbett, James C.	Section 29 plat (Calculated the corner and accepted Lee Utt's 30-foot witness to the south)	MCR 2001017175 MCR 2001017176
11/16/2004	Archer, Steven W.	Two tracts in Section 29 (Accepted Lee Utt's witness but called it out as 25 feet instead of 30 feet and set the pk)	MCR 2004025976

PERPETUATION RECORD

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

5/8" x 20" rebar with a 2" aluminum cap stamped "MONROE COUNTY SURVEYOR 1/4 S29 + S32 21100022" set flush in Thacker Road.

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 rebar is 2.5 feet south of the north edge of asphalt of Thacker Road, which is 16.5 feet wide.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

The rebar was set at the intersection of the north line of Section 32 as measured between the rebar found at the northwest corner (E21) with the rebar found at the East 1/16 corner (H21) with the north to south half section line as measured between the Utt rebar found at a 30-foot witness (Witness Tie D below) to the North 1/4 of Section 32 (G21) and the Curry rebar found at the Center-South-South 1/64 corner (G24.5). The corner thus established is within 0.2 feet of the midpoint between the northwest and northeast corners of Section 32 and is consistent with the calculated location for the corner accepted by Utt and Tibbett in 2000 and 2001, respectively.

The pk nail found at Witness Tie A was set by Steven Archer in 2004. Archer held the Utt rebar found at Witness Tie D to establish the east/west position of the pk, and his survey plat indicates that he held railroad spikes at E21 and H21 to establish the north line of Section 32. Based on ties to other monuments from Archer's survey, the railroad

MONUMENT RECORD

Corner ID: InCr_G21

Quarter Corner

Sections 29 & 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



spike he held at E21 would be 13.9 feet south of the rebar that is currently of record at that corner. In addition to the survey listed above, Steven Archer also surveyed two tracts in the Northeast ¼ of the Northeast ¼ of Section 32, as shown on a survey dated 2/16/2004 and filed digitally in the Monroe County Surveyor's Office as RSID 002105. Ties to this Archer survey show that the railroad spike that he held at E21 was in the same location as the rebar that is currently of record. This is an indication that there was an error in the location of E21 shown on the Archer survey recorded as Instrument Number 2004025976, which led to the pk nail being set in the wrong place. No record of reliance on the pk nail was found beyond Archer's 2004 survey .

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: **4.5 feet.**
- Discrepancies in the Documents: **5 feet.**
- Inconsistencies in the lines of Occupation: **None noted.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post with a Monroe County Survey Marker sign attached 2 feet above grade was found on the north bank of Thacker Road at Witness Tie B.

GEODETIC COORDINATES: Northing: **1369268.50'**, Easting: **3073942.50'**

BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. **The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.**

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	S 15°46'6" W	4.47'	PK nail found 0.25 feet below grade
B	N 9° W	14.8'	Steel t-post with Monroe County Survey Marker sign attached 2 feet above grade on the north bank of Thacker Road
C	N 80° E	33.6'	South face of mailbox post #8499
D #10200	S 2°26'25" W	29.86'	5/8" rebar with yellow plastic cap stamped "UTT S-0089" found 6" tall

Notes: **Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings. Witness ties A and D were measured with RTK.**

MONUMENT RECORD

Corner ID: InCr_G21

Quarter Corner

Sections 29 & 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.

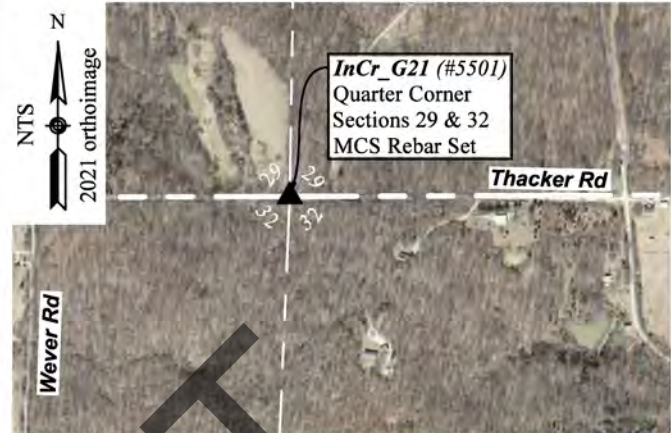
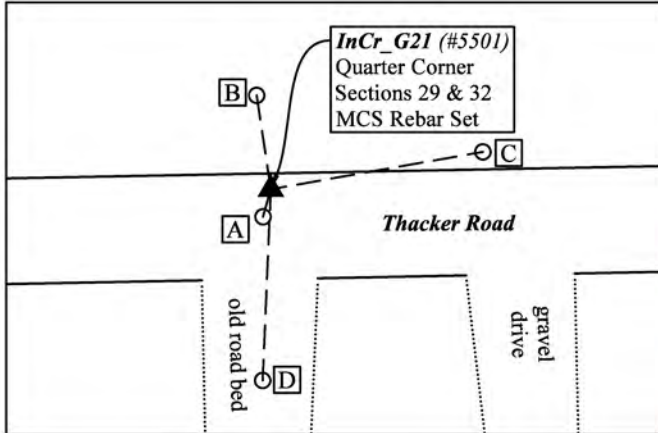


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County "PROTECT NEARBY SURVEY MARKER" sign. Provide photo orientation and date. Additional photos may be included by clicking the "+" button at the end of the horizontal line.

Photo Date: 3/24/2022



Photo Orientation & Description: **Capped rebar at G21**



Photo Orientation & Description: **Looking north at G21**

FIELD PERSONNEL:

Field Date: 3/24/2022 By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: 3, page: 45 Notes: None

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_G21

Quarter Corner

Sections 29 & 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



OFFICE USE ONLY

NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:			
Offeror Name: Rachel Savich Oser		Firm Name: Oser Surveying & Mapping LLC	
Phone: 812-320-2694		Email: Rachel@OserSurveying.com	
Corner Classification: Referenced		Corner Coordinate Status: Unknown	
Issue Date: 2/23/2022	Form Due Date: 3/31/2022		Form Receipt Date:

COUNTY SURVEYOR APPROVAL:		
☐ Yes, Signature:	Date:	
☐ No, reasons for denial		
		Seal:

SURVEYOR REVIEW BOARD APPROVAL:		
☐ Yes, Signature:	Date:	
☐ No, reasons for denial		
		Seal:

MONUMENT RECORD
Corner ID: InCr_G23
Center 1/4 Corner
Section 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: By: Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: **Not an original government corner**

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **10/31/1856** By: **James Spencer**

Where filed or recorded: **MCSO LSB 1, pg 317**

Original monument: **Not described**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
None			

Notes: **Spencer measured to this corner, but did not describe the monument or take new bearing trees**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/17/2022** By: **RSO & PMO** Monument Found: **No** BTs or Reference Objects Found: **None** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

No record was found of a survey to establish this corner.

PERPETUATION RECORD

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

A 5/8" rebar with a 2" aluminum cap stamped "MONROE COUNTY SURVEYOR C1/4 + S32 21100022" was set flush in the bed of a small stream.

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 rebar is 13.7 feet east of a north to south wire fence.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

This corner was established at the intersection of opposite quarter corners. The north to south half-section line of Section 32 was established by Lee Utt in 1998 as shown on his survey of 120.75 acres recorded as Instrument Number 825643, but no record was found to establish the east to west half-section line. When Utt established the north to south half-section line in 1998, the property on both sides of this corner was owned by Gary Trimble. Mr. Trimble still owns the property to the west of this corner and he told us that the north to south fence was in the same location prior to Mr. Utt's survey and that the fence was built for convenience, with no intention of following the north to south half-section line because the Trimble family owned on both sides.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: **None noted.**
- Discrepancies in the Documents: **None noted.**
- Inconsistencies in the lines of Occupation: **13.7 feet.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was set 0.4 feet east of the corner with a yellow Survey Marker sign attached 3 feet above grade.

MONUMENT RECORD
Corner ID: InCr_G23
Center 1/4 Corner
 Section 32-T07N-R02W, 2nd P.M.
 Indian Creek Township, Monroe County, Indiana



GEODETIC COORDINATES: Northing: 1366617.46', Easting: 3073829.51'

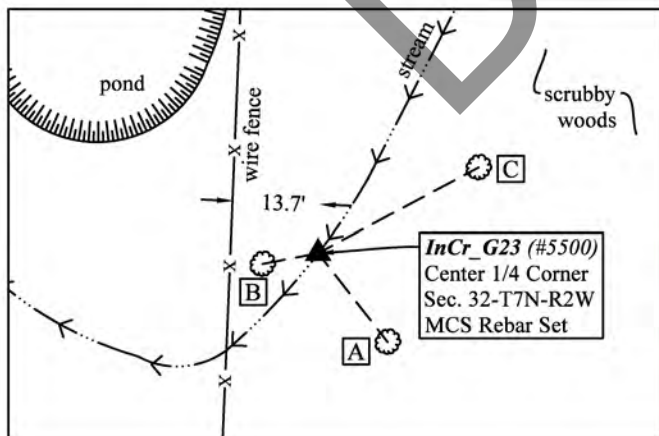
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	S 38° E	17.6'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 10" above grade on the west side of an 8" dbh maple
B	S 79° W	8.8'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 10" above grade on the south side of an 8" dbh sassafras
C	N 62° E	28.3'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 12" above grade on the northwest side of a 15" dbh sycamore

Notes: Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD

Corner ID: InCr_G23

Center 1/4 Corner

Section 32-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/24/2022**



Photo Orientation & Description: **Stamped cap at G23**



Photo Orientation & Description: **Looking northeast at G23**

FIELD PERSONNEL:

Field Date: **3/24/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **45** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

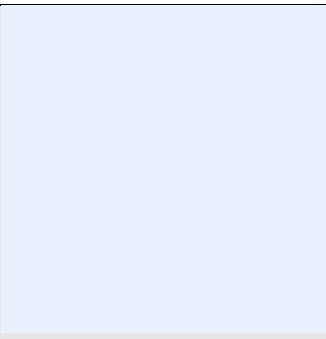
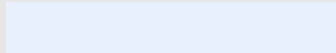
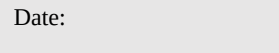
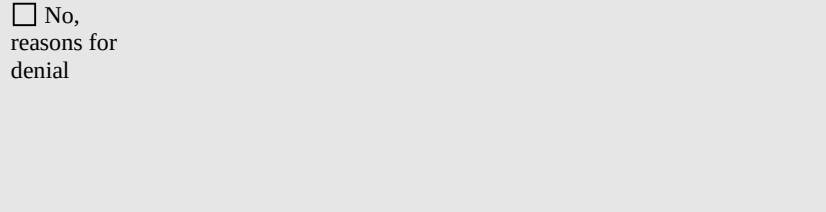
This document is not complete without the associated plat and report of even date.

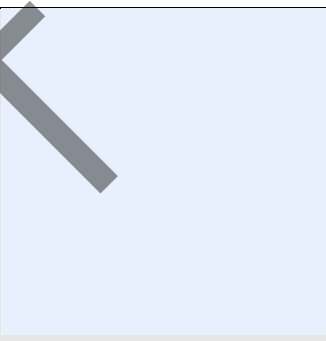
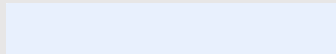
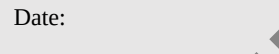
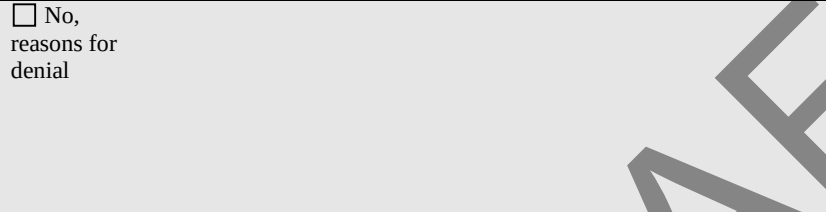
OFFICE USE ONLY

NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:			
Offeror Name: Rachel Savich Oser	Firm Name: Oser Surveying & Mapping LLC		
Phone: 812-320-2694	Email: Rachel@OserSurveying.com		
Corner Classification: Unknown		Corner Coordinate Status: Unknown	
Issue Date: 2/23/2022	Form Due Date: 3/31/2022	Form Receipt Date:	

MONUMENT RECORD
Corner ID: **InCr_G23**
Center 1/4 Corner
Section 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

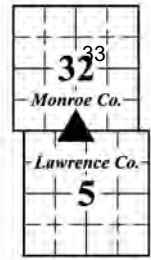


COUNTY SURVEYOR APPROVAL:		
☐ Yes, Signature: 	Date: 	
☐ No, reasons for denial 		Seal: 

SURVEYOR REVIEW BOARD APPROVAL:		
☐ Yes, Signature: 	Date: 	
☐ No, reasons for denial 		Seal: 

DRAFT

MONUMENT RECORD
Corner ID: InCr_G25
South 1/4 Corner
Section 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P264**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
W.Oak	16"	N 43° E	11.2'
Beech	15"	S 67° W	20.5'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: By:

Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: **No Legal Survey records found**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/17/2022** By: **RSO & PMO** Monument Found: **No** BTs or Reference Objects Found: **None** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

No survey history related to this corner was found.

PERPETUATION RECORD

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

A 5/8" rebar with a 2" aluminum cap stamped "MONROE COUNTY SURVEYR S 1/4 + S32 21100022" was set 0.3 feet above grade and 0.5 feet south of east to west wire fence remains.

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 corner is 0.5 feet south of east to west wire fence remains approximately 1340 feet east of the centerline of Wever Road.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

The rebar was set at the intersection of the south line of the Southeast 1/4 of the Southwest 1/4 of Section 32 as established between the calculated position of the W 1/16 corner (F25) and the Utt rebar found at the N 1/4 corner of Section 5-T6N-R2W (Lawrence County 6N2WA07) and the north to south half-section line of Section 32 as established between the Utt rebar found witnessing the North 1/4 of Section 32 (#10200) and the Curry rebar found at the Center-South-South 1/64 corner (G24.5).

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.**
- Discrepancies in the Documents: **None noted.**
- Inconsistencies in the lines of Occupation: **0.5 feet.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was set 0.3 feet north of the rebar with a yellow Survey Marker sign attached 3 feet above grade.

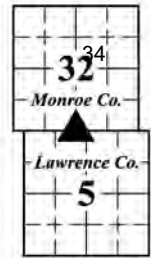
MONUMENT RECORD

Corner ID: InCr_G25

South 1/4 Corner

Section 32-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



GEODETIC COORDINATES: Northing: 1363966.42', Easting: 3073716.53'

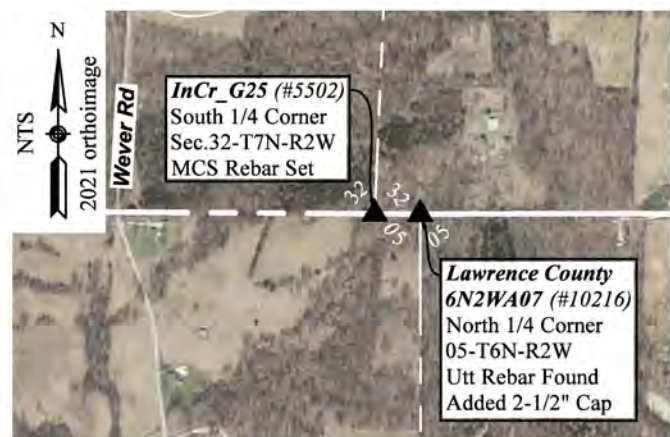
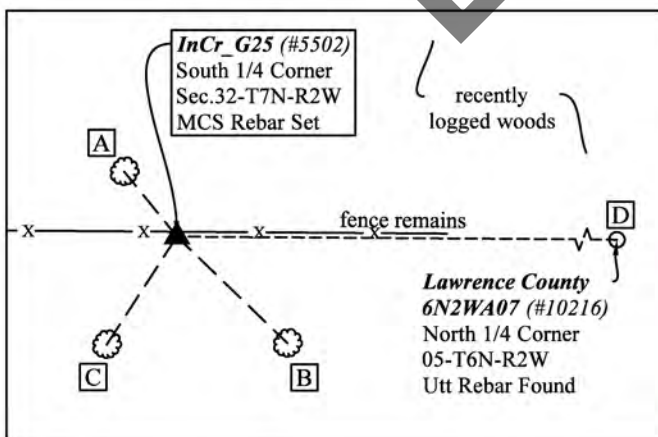
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	N 39° W	8.7'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 5" above grade on the southwest side of a 5" dbh elm
B	S 46° E	16.0	2" mag nail and 1-1/2" orange plastic disc set in hack mark 12" above grade on the northeast side of a 5" dbh elm
C	S 33° W	13.4'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 8" above grade on the east side of a 4" dbh elm
D	S 89°36'16" E	236.01'	5/8" rebar with 2-1/2" stamped aluminum cap found at the North 1/4 corner of Section 5-T6N-R2W (Lawrence County 6N2WA07)

Notes: Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD

Corner ID: InCr_G25

South 1/4 Corner

Section 32-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana

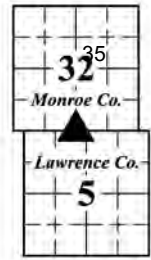


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/24/2022**



Photo Orientation & Description: **Capped rebar at G25**



Photo Orientation & Description: **Looking north at G25**

FIELD PERSONNEL:

Field Date: **3/24/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **45** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

OFFICE USE ONLY

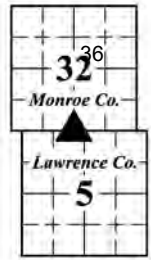
NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:			
Offeror Name: Rachel Savich Oser	Firm Name: Oser Surveying & Mapping LLC		
Phone: 812-320-2694	Email: Rachel@OserSurveying.com		
Corner Classification: Unknown		Corner Coordinate Status: Unknown	
Issue Date: 2/23/2022	Form Due Date: 3/31/2022	Form Receipt Date:	

MONUMENT RECORD

Corner ID: InCr_G25

South 1/4 Corner

Section 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



COUNTY SURVEYOR APPROVAL:		Seal:
☐ Yes, Signature:	Date:	
☐ No, reasons for denial		

SURVEYOR REVIEW BOARD APPROVAL:		Seal:
☐ Yes, Signature:	Date:	
☐ No, reasons for denial		

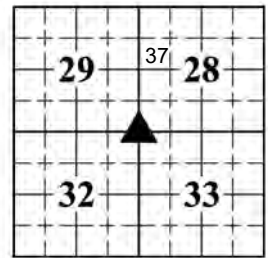
DRAFT

MONUMENT RECORD

Corner ID: InCr_I21

Section Corner

Sections 28, 29, 32 & 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P283**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	10"	N 9° E	2.0'
Dogwood	8"	S 57° E	21.8'

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **4/17/1860** By: **Mike Gabbert**

Where filed or recorded: **MCSO LSB 2, page 30**

Original monument: **Not described**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Poplar	34"	N 83° E	110.6'
R.Oak	32'	S 12° W	35.0'

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **3/26/1889** By: **M. Buskirk**

Where filed or recorded: **MCSO LSB 2, page 472**

Original monument: **Not described**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
None			
None			

Notes: **Buskirk measured to this corner, but did not describe the monument or take new bearing trees**

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **11/1/2010** By: **Kevin Enright**

Where filed or recorded: **Monument Record I21**

Original monument: **Found 5/8" rebar with cap "SNA INC. LS 29900012"**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Survey sign 5' above grade on Tulip Poplar	5"	S 49° W	7.50'
Mag in wood post	8"	N 72° E	45.72'
Pinch pipe	1-1/2"	S 86° E	21.35'

Notes: **Approved by MCSRB on 12/14/2010**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/16/2022** By: **RSO & PMO** Monument Found: **Rebar** BTs or Reference Objects Found: **C & D** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Corner plats for Sections 28 and 33 IP set 41.25 feet east of corner	MCSO RSID 002039 & RSID 002123
6/14/1975	Graham, Raymond	David Charnstorm survey in Section 28	MCSO RSID 002041
1/6/1998	Utt, Lee	Survey of 120.75 acres in Section 32 (Held a location 21.25 feet west of a found pipe)	MCR 825643
3/16/2001	Tibbett, James C.	Section 29 plat (Held a location 21.25 feet west of a found pipe)	MCR 2001017175 & MCR 2001017176
9/2/2003	Deckard, Eric Lee	Boundary survey for Daisy Garton Trust. (Origin of the SNA rebar, which was set 21.02 feet west of the found pipe)	MCR 2003033113 & MCR 2005000200
2/16/2004	Archer, Steven W.	Survey of 2 tracts in Section 32	MCSO RSID 002105
12/12/2005	Smith Neubecker	Larry McConnell exhibit in Section 28	MCSO RSID 002040
12/23/2005	Smale, James	Larry D. McConnell Boundary survey	MCR 2006018972

PERPETUATION RECORD

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

A 5/8" rebar with yellow plastic cap stamped "SNA INC. LS 29900012" was found 4" above grade per the Monroe County Monument Record dated 11/1/2010 and accepted by the Surveyor Review Board on 12/14/2010.

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.

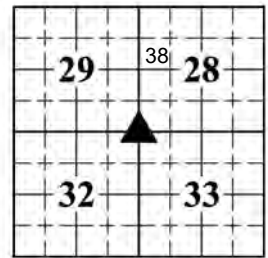
MONUMENT RECORD

Corner ID: InCr_I21

Section Corner

Sections 28, 29, 32 & 33-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



The rebar is in an old east to west road bed, approximately 890 feet east of the intersection of Snow Road and Thacker Road.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

The rebar was set by Eric Deckard in 2003 at a calculated position based on prior surveys by James Tibbett and Lee Utt and has consistently been accepted as the corner on subsequent surveys. The origin of the pinch top pipe shown as Witness Tie D below is unknown.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: **21.3 feet**
- Discrepancies in the Documents: **0.2 feet.**
- Inconsistencies in the lines of Occupation: **None noted.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was set 0.2 feet north of the rebar with a yellow Survey Marker sign attached 3 feet above grade.

GEODETIC COORDINATES: Northing: **1369277.00'**, Easting: **3076579.34'**

BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. **The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.**

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	N 78° W	34.7'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 7" above grade on the south side of a 9" dbh maple on the slope of the north bank of an old road bed
B	N 17° W	7.9'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 4" above grade on the east side of a 3" dbh beech on the slope of the north bank of an old road bed
C	N 70° E	45.7'	Mag nail found 9" above grade on the south side of an 8" wood post on the north top of bank of an old road bed with fence remains to the west and new barbed wire to the north
D	N 89°41'20" E	21.29'	1" pinch top pipe was found 9" above grade (#10192)

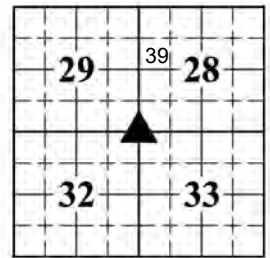
MONUMENT RECORD

Corner ID: InCr_I21

Section Corner

Sections 28, 29, 32 & 33-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



E	East	41.25'	5/8" rebar with yellow cap stamped "SNA INC. LS 29900012" found 4" above grade. We did not measure to this monument. Record dimensions are shown.
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Notes: Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings. Witness Tie D was measured with RTK.

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.

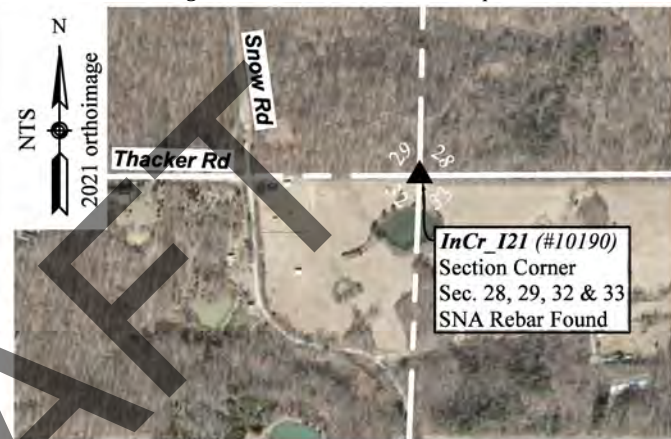
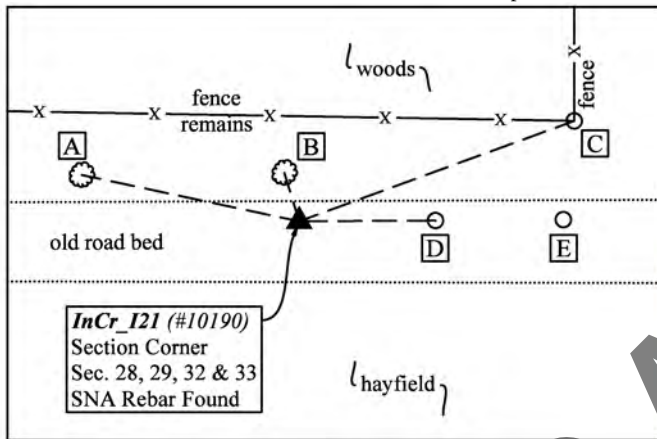


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County "PROTECT NEARBY SURVEY MARKER" sign. Provide photo orientation and date. Additional photos may be included by clicking the "+" button at the end of the horizontal line.

Photo Date: 3/16/2022



Photo Orientation & Description: **Capped rebar at I21**



Photo Orientation & Description: **Looking north at I21**

FIELD PERSONNEL:

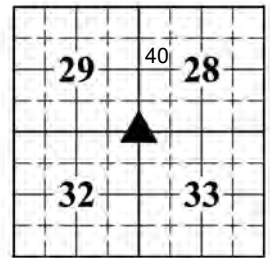
Field Date: 3/16/2022 By: Rachel Oser & Phillip Oser Project #: 10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West Field Book: 3, page: 42 Notes: None

MONUMENT RECORD

Corner ID: InCr_I21

Section Corner

Sections 28, 29, 32 & 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:



Seal:

This document is not complete without the associated plat and report of even date.

OFFICE USE ONLY

NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:

Offeror Name: Rachel Savich Oser	Firm Name: Oser Surveying & Mapping LLC	
Phone: 812-320-2694	Email: Rachel@OserSurveying.com	
Corner Classification: Perpetuated	Corner Coordinate Status: Unknown	
Issue Date: 2/23/2022	Form Due Date: 3/31/2022	Form Receipt Date:

COUNTY SURVEYOR APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

SURVEYOR REVIEW BOARD APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

MONUMENT RECORD
State of Indiana - County of Monroe

41

Section: 28

Township: 7 North

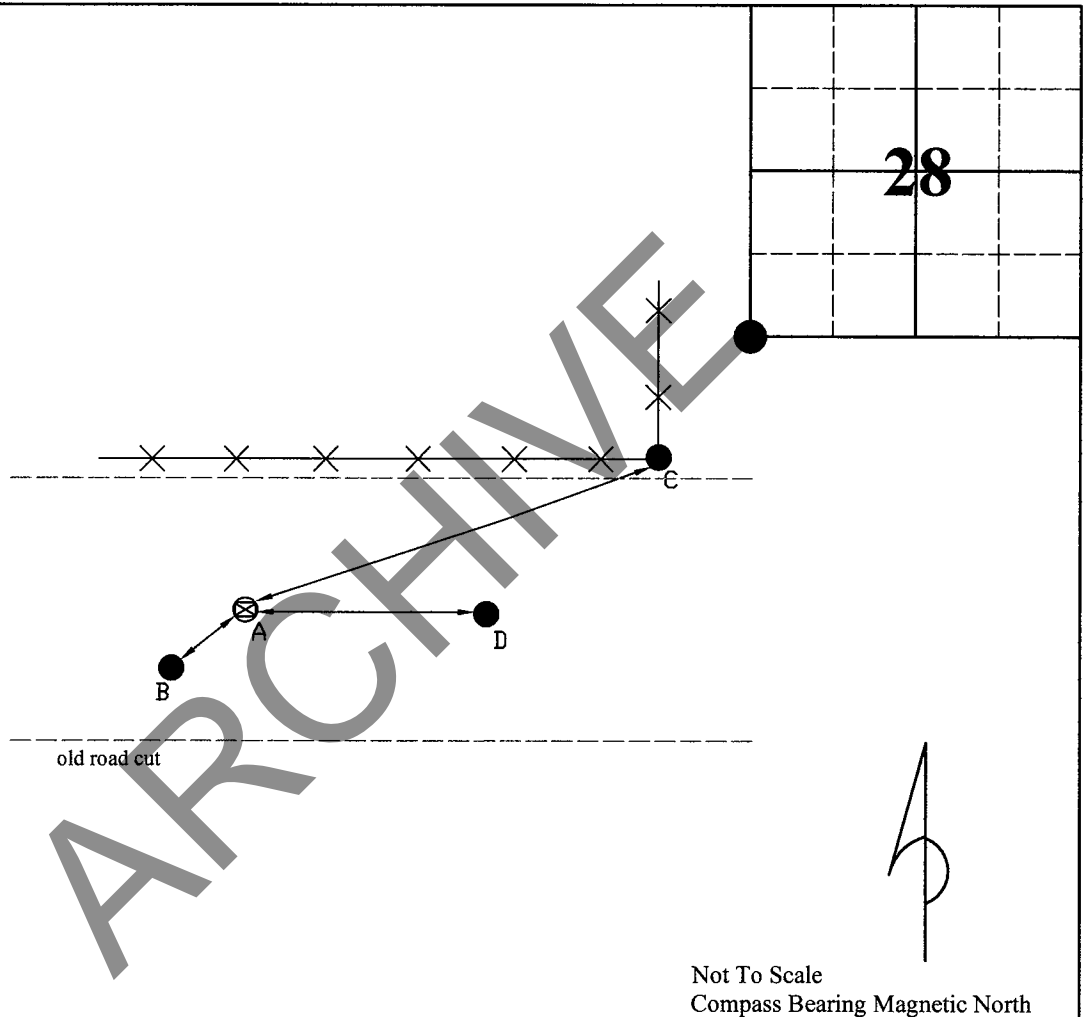
Range: 2 West

Corner ID: InCr I-21

Monument Description & Remarks: 5/8" Rebar with cap, "SNA INC. LS 29900012". Surveyor Sign 5ft above ground at pt. B

References On File: Eric Deckard survey, Daisy Garton (2003), on file in Recorder Office cabinet S1 envelope 205/206 and envelope 243/244

RECOVERY TIE DRAWING
Field Book 44 Page No. 54

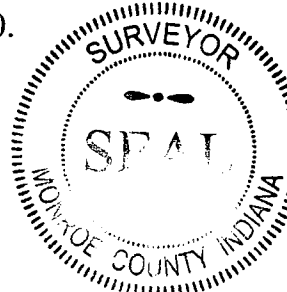


I, Kevin P. Enright, Monroe County Surveyor, hereby certify that this document was prepared under my direction in accordance with the provisions of section 36-2-12-11 of the Indiana Code; and the above data is given under my hand and seal this 1st day of November, 2010.

Kevin P. Enright

Administered by the Monroe County Surveyor Review Board

Date: 12/14/2010

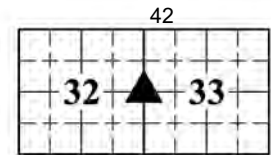


MONUMENT RECORD

Corner ID: InCr_I23

Quarter Corner

Sections 32 & 33 -T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P283**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Poplar	18"	S 61° E	9.2'
Beech	6"	N 78° W	8.6'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **4/17/1860** By: **Mike Gabbert**

Where filed or recorded: **MCSO LSB 2, page 030**

Original monument: **½ mile stake**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	10"	S 74° W	32.3'
Beech	12"	N 44° E	32.7'

Notes: **"Old bearing trees gone"**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/16/2022** By: **RSO & PMO** Monument Found: **No** BTs or Reference Objects Found: **None** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
3/26/1889	Buskirk, M.	Legal Survey in Section 33 (Measured to this corner, but did not describe the monument or take new bearing trees)	MCSO LSB 2, page 472
7/25/1985	Utt, Lee	38.22 acre survey in Section 33 (A dimension is given to this corner, but no monument is shown or described)	MCSO RSID 002119

PERPETUATION RECORD

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

5/8" rebar with a 2" aluminum cap stamped "MONROE COUNTY SURVEYOR ¼ S 32 + S33 21100022" set 3" above grade

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 rebar is on a wooded hillside between the gravel lane leading to 9710 S Snow Road to the west and a powerline cut to the east. No evidence of possession was observed in the immediate vicinity of the corner.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

Two legal surveys performed in the late 1800s reference this corner, but no trace was found of a stone or the bearing trees. Ties to a 1985 Lee Utt survey would place this corner 29 feet east and 8.5 feet south, but there is no indication that Utt monumented this corner and no trace was found of a rebar. We established this corner at the midpoint between the section corner monuments found to the north (I21) and south (I25).

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

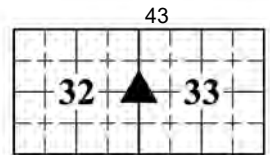
- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.**
- Discrepancies in the Documents: **15.7 feet north/south and 29 feet east/west.**
- Inconsistencies in the lines of Occupation: **None noted.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT RECORD

Corner ID: InCr_I23

Quarter Corner

Sections 32 & 33 -T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was set 0.3 feet south of the rebar with a yellow Survey Marker sign attached 3.5 feet above grade.

GEODETIC COORDINATES: Northing: 1366612.70', Easting: 3076472.52'

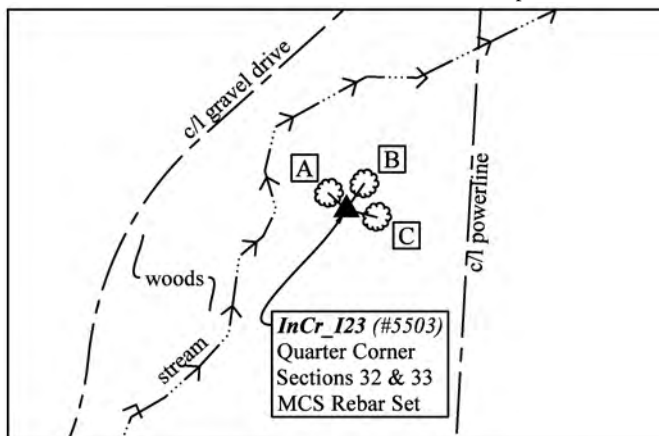
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. **The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.**

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	N 47° W	12.4'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 9" above grade on the southwest side of a 10" dbh tulip poplar
B	N 35° E	16.3'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 7" above grade on the west side of a 4" dbh tulip poplar
C	S 76° E	16.4'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 5" above grade on the south side of a 7" dbh tulip poplar

Notes: Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD

Corner ID: InCr_I23

Quarter Corner

Sections 32 & 33 -T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

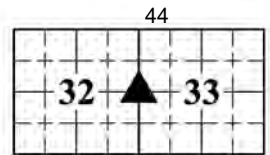


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County "PROTECT NEARBY SURVEY MARKER" sign. Provide photo orientation and date. Additional photos may be included by clicking the "+" button at the end of the horizontal line.

Photo Date: **3/24/2022**



Photo Orientation & Description: **Capped rebar at I23**



Photo Orientation & Description: **Looking south at I23**

FIELD PERSONNEL:

Field Date: **3/24/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **45** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:



Seal:

This document is not complete without the associated plat and report of even date.

OFFICE USE ONLY

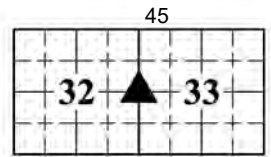
NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:			
Offeror Name: Rachel Savich Oser		Firm Name: Oser Surveying & Mapping LLC	
Phone: 812-320-2694		Email: Rachel@OserSurveying.com	
Corner Classification: Unknown		Corner Coordinate Status: Unknown	
Issue Date: 2/23/2022	Form Due Date: 3/31/2022	Form Receipt Date:	

MONUMENT RECORD

Corner ID: InCr_I23

Quarter Corner

Sections 32 & 33 -T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



COUNTY SURVEYOR APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

SURVEYOR REVIEW BOARD APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

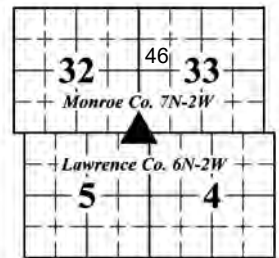
DRAFT

MONUMENT RECORD

Corner ID: InCr_I25

Section Corner

Sections 32 & 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P264**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	24"	S 6° E	11.2'
Sugar	8"	N 67° W	6.6'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **3/26/1889** By: **M. Buskirk**

Where filed or recorded: **MCSO LSB 2, page 472**

Original monument: **Not described**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
None			
None			

Notes: **Buskirk measured to this corner but did not describe the monument or take new bearing trees**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/14/2022** By: **RSO & PMO** Monument Found: **Pipe** BTs or Reference Objects Found: **None** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Sec. 33-7N-2W Section Corner Plat (IP Set 209.88 West of LC Harrison)	MCSO RSID002123
3/26/1889	Buskirk, M.	Legal Survey in Section 33-7N-2W	MCSO LSB 2, page 472
4/24/1995	Arena, Michael D.	Survey for Phillips and Kennedy in Section 4-6N-2W (Pipe found)	LCR IN 1995004491 (Bk 14, pg 221)
9/2/2003	Deckard, Eric Lee	Boundary survey for Daisy Garton Trust.	MCR 2003033113/2005000200 (Cab S, env 205 and 243)
2/16/2004	Archer, Steven W.	Tract 1- 10.00 acres & Tract 2- 12.67 acres	MCSO RSID002105
9/26/2011	Allen, Corey D.	Original Survey in 4-6N-2W	LCR IN 2019000811
2/27/2019	Deckard, Eric Lee	Moore Estate Survey in Sections 4 & 5-6N-2W	LCR IN 2019001345

PERPETUATION RECORD

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

½" iron pipe with yellow plastic plug found 3" below grade.

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 pipe is on the east side of the drive entrance to a cattle yard and 1.25 feet north of the centerline of Ray Moore Road.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

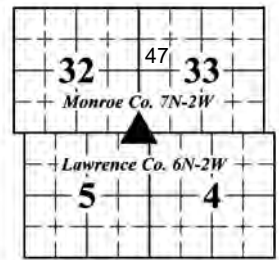
Per several prior surveys, the plastic plug in the found pipe was stamped "PRALL LS 10234". The letters are no longer legible, but we assume that the pipe was set by Prall. An undated and unsigned sketch on file in the Monroe County Surveyor's Office as RSID 002123 calls for an IP set, but we're fairly certain that the sketch was prepared by Raymond Graham, not Nelson Prall. In any case, a survey of origin to definitively explain the origin of the pipe was not found. The pipe first appeared in the modern survey record in 1995, and has consistently been accepted as the corner on subsequent surveys.

MONUMENT RECORD

Corner ID: InCr_I25

Section Corner

Sections 32 & 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: *Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.*
- Discrepancies in the Documents: *None noted.*
- Inconsistencies in the lines of Occupation: *None noted.*
- Theoretical Uncertainty (Random Errors in Measurement): *The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.*

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A yellow Monroe County Survey Marker was attached 3.5 feet above grade to the east side of a new upost with a Monroe County "ECM" sign at Witness Tie B.

GEODETIC COORDINATES: Northing: 1363948.39', Easting: 3076365.69'

BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	S 89°48'52" E	209.44'	5/8" rebar with Deckard cap found flush 2 feet south of the centerline of Ray Moore Road at the Section Corner common to Sections 4 & 5-6N-2W (Lawrence County 6N2WA09)
B	N 83° W	45.8'	U post with Monroe County "ECM" sign. Attached yellow Monroe County Survey Marker sign 3.5 feet above grade on the east side of the post.
C	S 86° W	167.8'	NE side of 3-1/2" dia. galvanized fence post with fence west and south
D	S 30° E	102.9'	2" mag nail and 1-1/2" orange plastic disc set 4" above grade on the northwest side of a 12" utility pole fence post
E	S 85° E	154.75'	2" mag nail and 1-1/2" orange plastic disc set 2" above grade on the north side of a 6" wood fence post with fence to the east

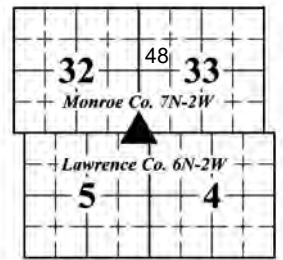
Notes: *Witness ties were measured with RTK.*

MONUMENT RECORD

Corner ID: InCr_I25

Section Corner

Sections 32 & 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.

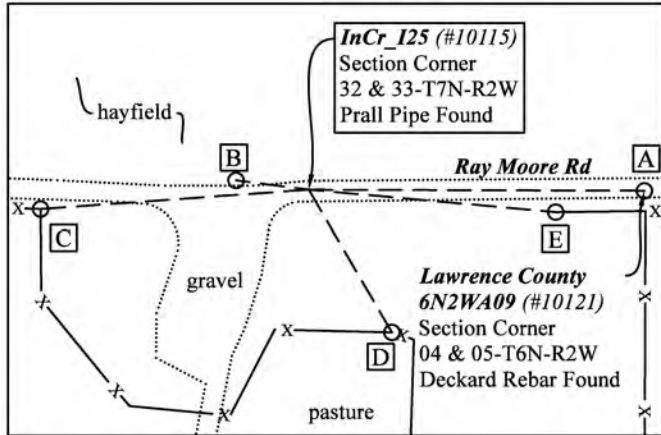


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/14/2022**

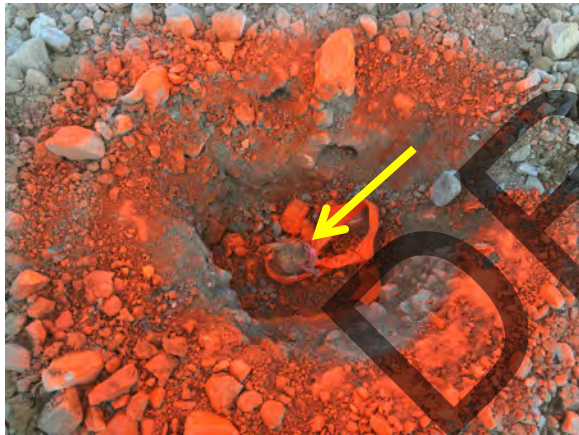


Photo Orientation & Description: **Pipe at I25**



Photo Orientation & Description: **Looking south at I25**

FIELD PERSONNEL:

Field Date: **3/14/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **41** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

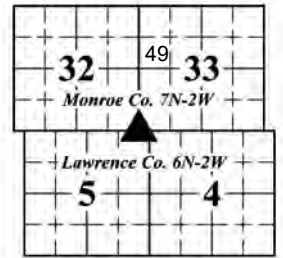
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_I25

Section Corner

Sections 32 & 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



OFFICE USE ONLY

NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:

Offeror Name: Rachel Savich Oser	Firm Name: Oser Surveying & Mapping LLC	
Phone: 812-320-2694	Email: Rachel@OserSurveying.com	
Corner Classification: Referenced	Corner Coordinate Status: Unknown	
Issue Date: 2/23/2022	Form Due Date: 3/31/2022	Form Receipt Date:

COUNTY SURVEYOR APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

SURVEYOR REVIEW BOARD APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

MONUMENT RECORD

Corner ID: InCr_K21

Quarter Corner

Sections 28 & 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P283**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar	10"	S 60° E	5.9'
Beech	4"	N 46° E	7.3'

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **1/9/1855** By: **John Paynter**

Where filed or recorded: **MCSO LSB 1, page 288**

Monument: **corner made**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Maple	28"	N 20° E	19.1'
Dogwood	4"	N 43° E	20.5'

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **3/26/1889** By: **M. Buskirk**

Where filed or recorded: **MCSO LSB 2, page 472**

Monument: **Established corner for northern ½ mile**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
B. Walnut	5"	N 29° W	27.7'
B. Walnut	3"	S 78° E	46.2'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **11/22/2010** By: **Kevin Enright**

Where filed or recorded: **Monroe County Mon. Record K21**

Original monument: **Found ¾" pinched iron pipe**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Mag in Sugar Maple	20"	S 73° W	39.98'
MCSO survey sign on tpost		N 55° W	0.22'
Mag in W. Oak	26"	S 73° E	46.25'

Notes: **Approved by MCSRB on 12/14/2010**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/16/2022** By: **RSO & PMO** Monument Found: **Pipe** BTs or Reference Objects Found: **Found all reference objects from 2010 Monument Record. Did not find the mag nails in the trees** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Section Corner plats for Sections 28 and 33 (Origin of IP)	MCSO RSID 002039 MCSO RSID 002123
4/28/1839	Spencer, James	Legal Survey in Section 33	MCSO LSB1, pg 066
6/14/1975	Graham, Raymond	David Charnstorm survey in Section 28	MCSO RSID 002041
9/2/2003	Deckard, Eric Lee	Boundary survey for Daisy Garton Trust	MCR 2003033113 MCR 2005000200
12/23/2005	Smale, James	Larry D. McConnell Boundary survey	MCR 2006018972

PERPETUATION RECORD

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

¾" pinch top galvanized iron pipe found 6" above grade.

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 corner is approximately 300 feet north of the northeast corner of a hayfield and is located between an old road bed to the south and a more recent logging road to the north.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

No trace was found of the monument or the bearing trees from either of the 1800s era legal surveys listed above. An IP set is shown at this corner on unsigned and undated section corner plats for Sections 28 and 32. The bearings

MONUMENT RECORD

Corner ID: InCr_K21

Quarter Corner

Sections 28 & 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



and distances on the section corner plats correspond to a survey for David Charnstorm by Raymond Graham dated 6/14/1975 and filed digitally in the office of the Monroe County Surveyor as RSID002041. The Charnstorm survey does not depict any monuments. It is likely that the pipe and the undated section corner plats originated from Raymond Graham in the mid-1970s. The pipe first appeared on a recorded survey in 2003 when it was accepted by Eric Deckard. It has been accepted consistently on subsequent surveys and was accepted by the Monroe County Surveyor Review Board on 12/14/2010.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: *Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.*
- Discrepancies in the Documents: **1.9 feet.**
- Inconsistencies in the lines of Occupation: *North/south fence remains were observed 46 feet east of the pipe and east/west fence remains were observed 12.5 feet south of the pipe. The approximate centerline of an old road bed is located 31 feet south of the pipe.*
- Theoretical Uncertainty (Random Errors in Measurement): *The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.*

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was found 0.2 feet northwest of the pipe with a yellow Survey Marker sign attached 3 feet above grade.

GEODETIC COORDINATES: Northing: 1369291.16', Easting: 3079188.00'

BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BT's should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	N 86° E	22.4'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 6" above grade on the southeast side of a 16" dbh shagbark hickory
B	S 74° W	40.0	Hacked mark over old mag nail found 6" above grade on the southeast side of a 17" dbh maple (2010 Witness B)
C	S 13° W	8.5'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 5" above grade on the east side of a 6" dbh tight-bark hickory
D	S 73° E	48.4'	No nail was found in the 26" oak tree listed as Witness D on the 2010 Monument Record. The tree is embedded with north/south fence remains. The distance noted hereon is to the south side of the middle of the tree.

MONUMENT RECORD

Corner ID: InCr_K21

Quarter Corner

Sections 28 & 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



Notes: *Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.*

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.

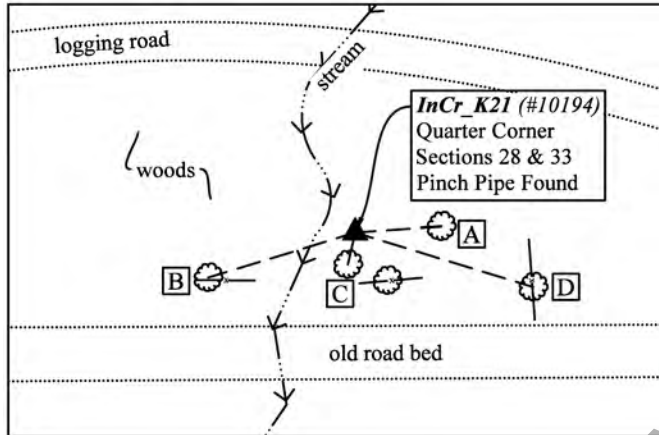


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/16/2022**



Photo Orientation & Description: **Pinch top pipe at K21**



Photo Orientation & Description: **Looking northeast at K21**

FIELD PERSONNEL:

Field Date: **3/16/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **42** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**
Indiana Professional Surveyor No.: **21100022**
Firm Name: **Oser Surveying & Mapping LLC**
Date: **3/31/2022**

MONUMENT RECORD

Corner ID: InCr_K21

Quarter Corner

Sections 28 & 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

OFFICE USE ONLY

NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:

Offeror Name: Rachel Savich Oser	Firm Name: Oser Surveying & Mapping LLC	
Phone: 812-320-2694	Email: Rachel@OserSurveying.com	
Corner Classification: Perpetuated	Corner Coordinate Status: Unknown	
Issue Date: 2/23/2022	Form Due Date: 3/31/2022	Form Receipt Date:

COUNTY SURVEYOR APPROVAL:

☐ Yes, Signature: _____ Date: _____

☐ No, reasons for denial

Seal:

SURVEYOR REVIEW BOARD APPROVAL:

☐ Yes, Signature: _____ Date: _____

☐ No, reasons for denial

Seal:

MONUMENT RECORD
State of Indiana - County of Monroe

54

Section: 33

Township: 7 North

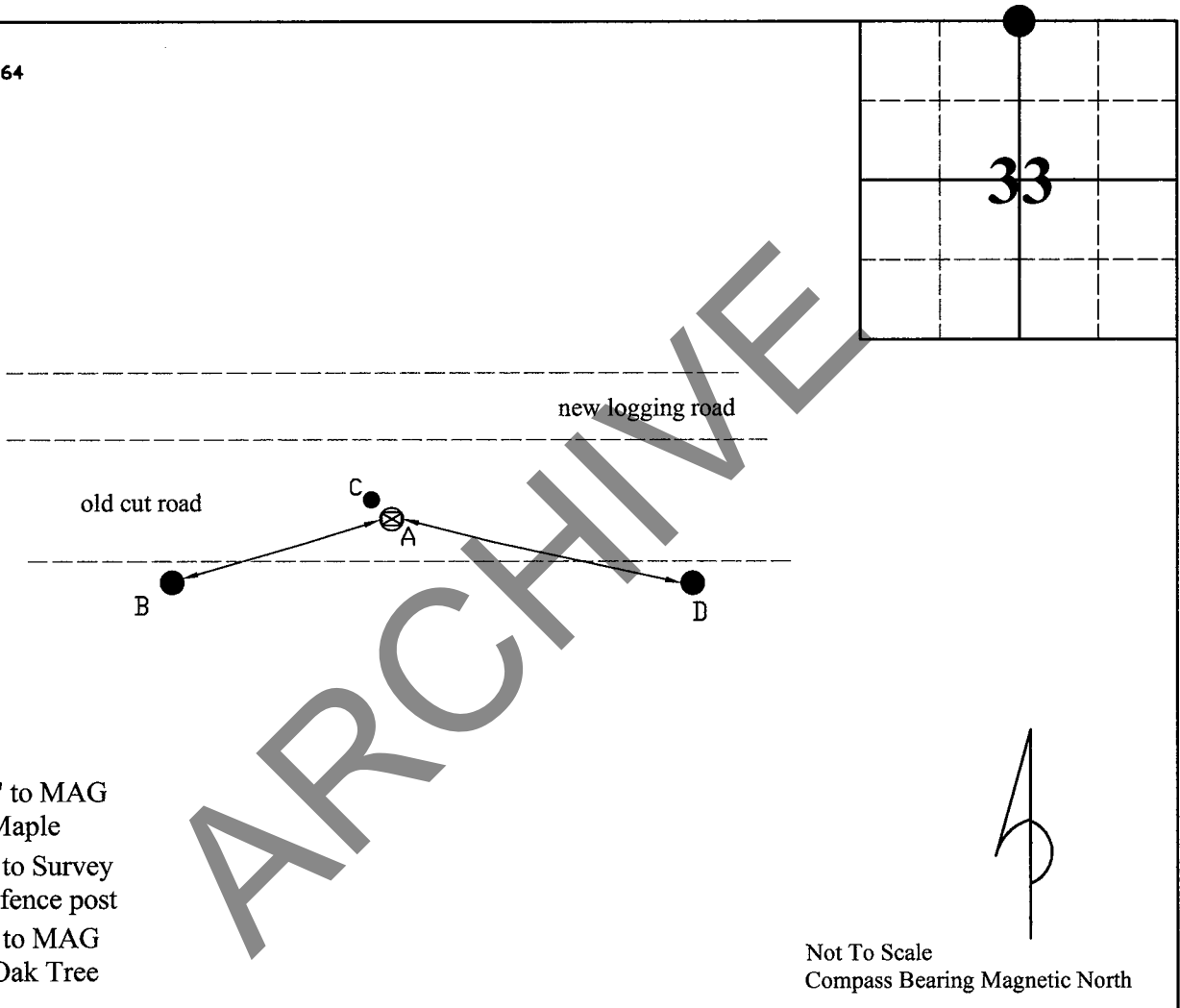
Range: 2 West

Corner ID: InCr K-21

Monument Description & Remarks: 3/4" pinched Iron Pipe. Survey Sign 3ft above ground at pt. C

References On File: Eric Deckard survey, Daisy Garton (2003), on file in Recorder Office cabinet S1 envelope 205/206 and envelope 243/244

RECOVERY TIE DRAWING
Field Book 44 Page No. 64



A - 3/4" Iron Pipe

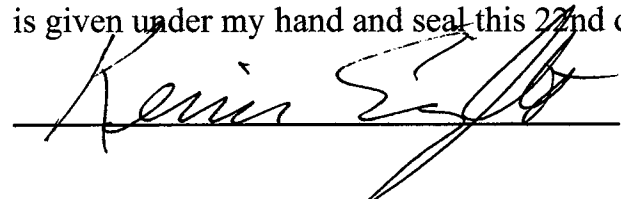
B - S 73° W 39.98' to MAG
nail in 20" Sugar Maple

C - N 55° W 0.22' to Survey
Sign on metal "T" fence post

D - S 73° E 46.25' to MAG
nail in 26" White Oak Tree

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 36-2-12-11 of the Indiana Code; and the above data is given under my hand and seal this 22nd day of November, 2010.





Administered by the Monroe County Surveyor Review Board

Date: 12/14/2010

Drawn by: T.E.R. Print date: December 10, 2010

MONUMENT RECORD
Corner ID: **InCr_K23**
Center 1/4 Corner
Section 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: By: Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: **Not an original government corner**

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **4/28/1839** By: **James Spencer**

Where filed or recorded: **MCSO LSB 1, page 066**

Original monument: **Not described**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Ironwood	4"	S 60° E	8.6'
Hickory	3"	S 60° W	5.9'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **3/26/1889** By: **M. Buskirk**

Where filed or recorded: **MCSO LSB 2, page 472**

Original monument: **Established corner**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
White Oak	36"	S 9° E	47.5'
W.Oak	40"	S 78° E	61.4'

Notes: **Established at crossing of the lines from E to W and from N to S**

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **11/22/2010** By: **Kevin Enright**

Where filed or recorded: **MCSO Mon. Record K23**

Original monument: **Found 3/4" iron pipe**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Red Oak	38"	S 23° E	13.82'
MCSO sign on t-post		S 04° W	2.04'
Mag in wood post	12"	N 50° E	14.18'

Notes: **Approved by MCSRB on 12/14/2010**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/16/2022** By: **RSO & PMO** Monument Found: **7/8" o.d. thin-walled iron pipe found broken off 3" below grade** BTs or Reference Objects Found: **Found all witnesses from 2010 Monument Record** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
7/25/1985	Utt, Lee	38.22 acre survey in Section 33	MCSO RSID 002119
9/9/2003	Deckard, Eric Lee	Boundary survey for Daisy Garton Trust.	MCR 2003033113 MCR 2005000200

PERPETUATION RECORD

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

5/8" rebar with 2" aluminum cap stamped "MONROE COUNTY SURVEYOR 2022 C1/4 + S33 21100022" was set 3" above grade inside the base of a broken 7/8" thin-walled iron pipe.

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 rebar is in line with fence to the north, south, and west at the southeast corner of a hayfield.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

This corner was established by Monroe County Surveyor M. Buskirk in 1889 at the intersection of opposite quarter corners. No trace was found of Buskirk's monument or its accessories. A 1985 survey by Lee Utt depicts a monument at this corner and at the CW 1/16 corner (J23), but does not describe the type of monument. We found the same, very distinctive type of pipe at this corner and at J23. Both pipes were broken, with a 7/8" outside diameter, a thin-wall, and a spiral pattern on the outside. The measured distance between the two pipes matches the record distance from the Utt survey within hundredths of a foot. This evidence leads us to believe that the pipe was

MONUMENT RECORD
Corner ID: InCr_K23
Center 1/4 Corner
Section 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



set by Lee Utt in 1985. The pipe was accepted as the corner by Eric Deckard in 2003 and by the Monroe County Surveyor Review Board in 2010.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: *Without a chain of records to prove the perpetuation of the original monument established by Spencer in 1839, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.*
- Discrepancies in the Documents: *Up to 21 feet due to variances between measured distances and record distances from 1800s legal surveys.*
- Inconsistencies in the lines of Occupation: **13 feet.**
- Theoretical Uncertainty (Random Errors in Measurement): *The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.*

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post is located 2.1 feet southerly from the corner in a north/south wire fence with a yellow Monroe County Survey Marker sign attached 4 feet above grade.

GEODETIC COORDINATES: Northing: 1366596.57', Easting: 3079110.03'

BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	N 87° W	9.4'	1-1/2" orange plastic disc wired 4 feet above to galvanized u-post in east/west wire fence
B	S 23° E	13.9'	Hacked over old mag nail found 10" above grade on the east side of a 36" oak (Witness Tie B from 2010 Monument Record)
C	N 37° E	14.3'	Mag nail found 6" above grade on the east side of a 12" utility pole fence post in east/west wire fence (Witness Tie D from 2010 Monument Record)

Notes: *Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.*

MONUMENT RECORD
Corner ID: InCr_K23
Center 1/4 Corner
Section 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.

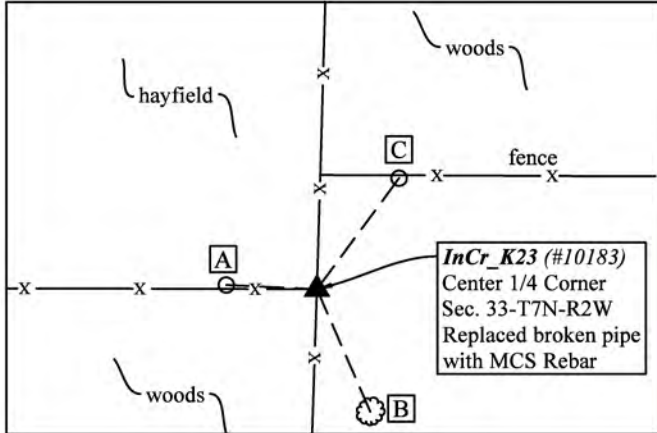


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County "PROTECT NEARBY SURVEY MARKER" sign. Provide photo orientation and date. Additional photos may be included by clicking the "+" button at the end of the horizontal line.

Photo Date: **3/16/2022**



Photo Orientation & Description: **Capped rebar at K23**



Photo Orientation & Description: **Looking southeast at K23**

FIELD PERSONNEL:

Field Date: **3/16/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **42** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**
Indiana Professional Surveyor No.: **21100022**
Firm Name: **Oser Surveying & Mapping LLC**
Date: **3/31/2022**
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_K23

Center 1/4 Corner

Section 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



OFFICE USE ONLY

NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:			
Offeror Name: Rachel Savich Oser		Firm Name: Oser Surveying & Mapping LLC	
Phone: 812-320-2694		Email: Rachel@OserSurveying.com	
Corner Classification: Perpetuated		Corner Coordinate Status: Unknown	
Issue Date: 2/23/2022	Form Due Date: 3/31/2022		Form Receipt Date:

COUNTY SURVEYOR APPROVAL:		
☐ Yes, Signature:	Date:	
☐ No, reasons for denial		

SURVEYOR REVIEW BOARD APPROVAL:		
☐ Yes, Signature:	Date:	
☐ No, reasons for denial		

MONUMENT RECORD
State of Indiana - County of Monroe

59

Section: 33

Township: 7 North

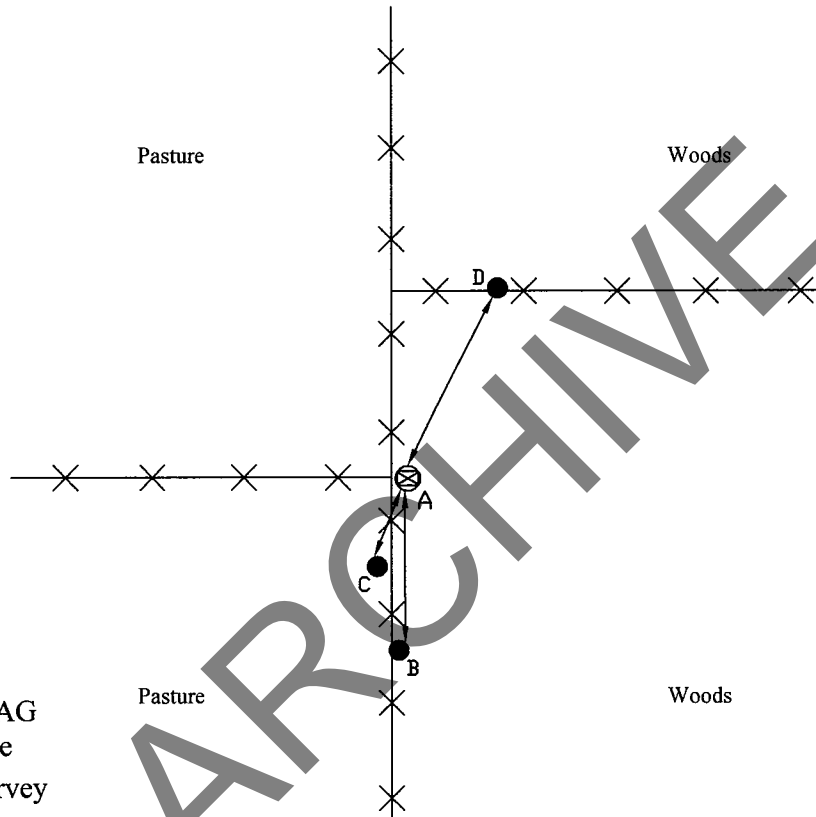
Range: 2 West

Corner ID: InCr K-23

Monument Description & Remarks: 3/4" Iron Pipe 4ft above ground. Survey Sign 5ft above ground at pt. C

References On File: Eric Deckard survey, Daisy Garton (2003), on file in Recorder Office cabinet S1 envelope 205/206 and envelope 243/244

RECOVERY TIE DRAWING
Field Book ## Page No. ##



- A - 3/4" Iron Pipe
- B - S 23° E 13.82' to MAG nail in 38" Red Oak Tree
- C - S 04° W 2.04' to Survey Sign on metal "T" post
- D - N 50° E 14.18' to MAG nail in 12" round post

Not To Scale
Compass Bearing Magnetic North



33

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 Code; and the above data is given under my hand and seal this 22nd day of November, 2010.



Administered by the Monroe County Surveyor Review Board

Date: 12/14/2010

Drawn by: T.E.R. Print date: December 10, 2010

MONUMENT RECORD

Corner ID: InCr_K25

South ¼ Corner

Section 33-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P264**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	14"	N 4° E	4.6'
Sugar	9"	N 81° W	11.2'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **3/26/1889** By: **Buskirk, M.**

Where filed or recorded: **MCSO LSB 2, pg 472**

Original monument: **Monument not described**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
None			

Notes: **Buskirk measured to this corner, but did not describe the monument or take new bearing trees**

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **4/28/1839** By: **Spencer, James**

Where filed or recorded: **MCSO LSB 1, pg 066**

Original monument: **Monument not described**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
None			

Notes: **Spencer measured to this corner, but did not describe the monument or take new bearing trees**

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **2/25/1998** By: **Michael Arena**

Where filed or recorded: **Lawrence Co. Corner Record Z11**

Original monument: **½" pipe found**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Walnut	32"	357°	52.2'
Walnut	26"	42°	26.0'
Hickory clump in fence	285°	19.3'	

Notes: **If nails are in trees, they are buried.**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/25/2022** By: **RSO & PMO** Monument Found: **pipe** BTs or Reference Objects Found: **All from 1998** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Sec. 33 Section Corner Plat (IP set 160.62' west of Harrison at N1/4 Section 4)	MCSO RSID 002123
7/25/1985	Utt, Lee	38.22 acre survey in Section 33 (No monument shown)	MCSO RSID 002119
4/24/1995	Arena, Michael	Survey for Phillips and Kennedy in Section 4-6N-2W (Pipe found 193.05 feet west of pin set at N1/4 of Section 4)	LCR IN 1995004491 (Bk 14, pg 221)

PERPETUATION RECORD

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

A ½" iron pipe was found 3" below grade.

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 pipe is 0.15 feet east of the east side of a 7" treated wooden post with new woven wire fence extending south.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

No trace was found of a stone or any of the original bearing trees. The origin of the pipe is unknown. An undated and unsigned plat of Section 33 on file in the Monroe County Surveyor's Office depicts an IP set 160.62 feet of the Lawrence County Harrison Monument, but no pipe was found at that location. The found pipe was accepted by Michael Arena in 1995 and is witnessed on a 1998 Lawrence County Monument Record. The pipe fits well with

MONUMENT RECORD
Corner ID: InCr_K25
South ¼ Corner
Section 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



evidence of possession and other survey monuments in the area and was accepted as the best evidence of the corner.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: ***Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.***
- Discrepancies in the Documents: ***32.4'***
- Inconsistencies in the lines of Occupation: ***Wire fence observed 16.5 feet north***
- Theoretical Uncertainty (Random Errors in Measurement): ***The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.***

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A Monroe County Survey Marker sign was nailed 4.5 feet above grade to the east side of a 7" treated wood post on the west side of the pipe with fence extending to the south.

GEODETIC COORDINATES: Northing: ***1363942.32'***, Easting: ***3079021.83'***

BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. ***The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.***

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	N 6° W	5.05'	2" mag nail and 1-1/2" orange plastic disc set 5" above grade on the east side of a 7" x 8" railroad tie post
B	N 89° E	11.7'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 10" above grade on the north side of a 13" dbh oak
C	S 1° E	9.9'	2" mag nail and 1-1/2" orange plastic disc set 6" above grade on the east side of a 6" treated wood post
D	N 89°19'25" E	192.89'	4" diameter Harrison Monument cast "SECTION CORNER" on top found flush near the North ¼ Corner of Section 4-T6N-R2W (Lawrence County 6N2WA11). A ½" rebar with a yellow plastic cap stamped "ARENA S0242" was found 0.2 feet below grade SOUTH 2.8 feet from the Harrison Monument. The rebar has also been accepted as the North ¼ Corner of Section 4 on some surveys.

Notes: ***Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings. Witness D was measured with RTK.***

MONUMENT RECORD

Corner ID: InCr_K25

South 1/4 Corner

Section 33-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.

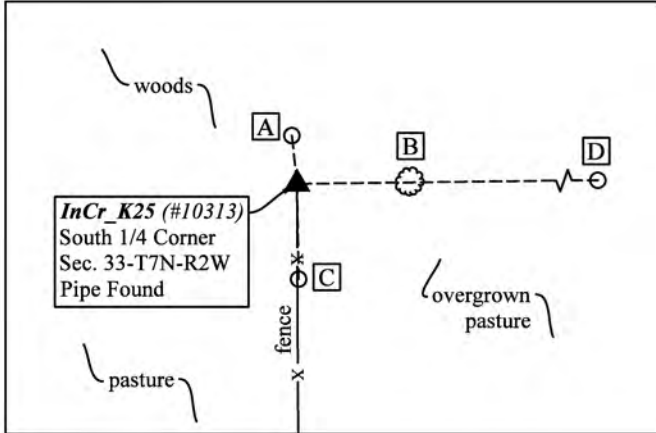


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: 3/25/2022



Photo Orientation & Description: **Pipe found at K25**



Photo Orientation & Description: **Looking west at K25**

FIELD PERSONNEL:

Field Date: 3/25/2022 By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **45** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_K25

South ¼ Corner

Section 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



OFFICE USE ONLY

NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:			
Offeror Name: Rachel Savich Oser		Firm Name: Oser Surveying & Mapping LLC	
Phone: 812-320-2694		Email: Rachel@OserSurveying.com	
Corner Classification: Unknown		Corner Coordinate Status: Unknown	
Issue Date: 2/23/2022	Form Due Date: 3/31/2022	Form Receipt Date:	

COUNTY SURVEYOR APPROVAL:		
☐ Yes, Signature:	Date:	
☐ No, reasons for denial		

SURVEYOR REVIEW BOARD APPROVAL:		
☐ Yes, Signature:	Date:	
☐ No, reasons for denial		

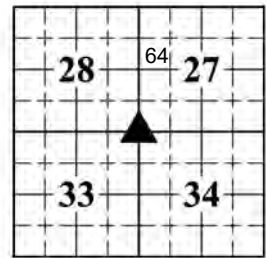
MONUMENT RECORD

Corner ID: InCr_M21

Section Corner

Sections 27, 28, 33 & 34-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P280**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	10"	N 18° E	9.2'
Beech	5"	S 24° E	12.5'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **11/19/2010** By: **Kevin Enright**

Where filed or recorded: **MCSO Mon. Record InCr_M21**

Original monument: **Found 1-1/2" iron pipe**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Mag in beech	24"	S 84° W	75.13'
Survey sign in red oak	3"	N 20° E	2.62'
Mag in red oak	30"	S 89° E	14.35'

Notes: **Approved by the MCSRB on 12/14/2010**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/14/2022** By: **RSO & PMO** Monument Found: **On 3/14/2022, we found the 1-1/2" o.d. iron pipe found 8" above grade under the trunk of a fallen 30" oak tree. We also searched for a stone per the undated section corner plats referenced below. On 3/17/2022, we removed the portion of the tree that was over the pipe. On 3/25/2022, we drove the pipe down to 1" above grade and set a capped rebar inside** BTs or Reference Objects Found: **All trees found from 2010, but no nails found. Both red oaks are dead.** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Section Corner plats for Sections 28, 33, & 34 (These surveys show a stone set)	MCSO RSID 002039 MCSO RSID 002123 MCSO RSID 002127
1/9/1855	Paynter, John	Legal Survey in Section 28 (measured to this corner but did not take new bearing trees or describe monument)	MCSO LSB 1, pg 288
3/26/1889	Buskirk, M	Legal Survey in Section 33 (measured to this corner but did not take new bearing trees or describe monument)	MCSO LSB 2, pg 472
6/14/1975	Graham, Raymond	David Charnstorm survey in Section 28	MCSO RSID 002041
9/2/2003	Deckard, Eric Lee	Boundary survey for Daisy Garton Trust	MCR 2003033113 MCR 2005000200

PERPETUATION RECORD

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

5/8" x 30" rebar with 2" aluminum cap stamped "MONROE COUNTY SURVEYOR S28 S27 + S33 S34 21100022" set 3" above grade inside a found 1-1/2" o.d. iron pipe.

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 corner is on the north bank of old (no longer maintained) Linthicum Road, in line with fence remains north, west, and east.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

The origin of the iron pipe is unknown. It was accepted by Eric Deckard in 2003 and by the Monroe County Surveyor Review Board in 2010. We accepted the pipe as the best evidence of the corner.

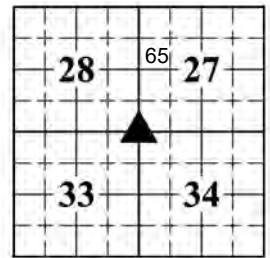
MONUMENT RECORD

Corner ID: InCr_M21

Section Corner

Sections 27, 28, 33 & 34-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: *Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.*
- Discrepancies in the Documents: *83.2 feet due to discrepancies between measured distances and record distances shown on the original government survey.*
- Inconsistencies in the lines of Occupation: *None noted.*
- Theoretical Uncertainty (Random Errors in Measurement): *The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.*

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was set 0.5 feet north of the corner with a yellow Survey Marker sign attached 2.5 feet above grade.

GEODETIC COORDINATES: Northing: *1369308.38'*, Easting: *3081831.28'*

BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	N 18° W	17.2'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 8" above grade on the east side of a 7" dbh oak
B	S 38° W	33.5'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 8" above grade on the east side of a 4" dbh tulip poplar
C	S 30° E	47.3'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 6" above grade on the northeast side of a 6" dbh cedar

Notes: *Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.*

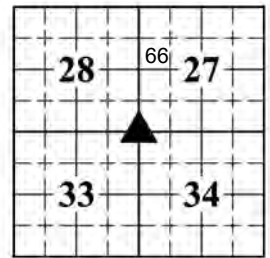
MONUMENT RECORD

Corner ID: InCr_M21

Section Corner

Sections 27, 28, 33 & 34-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.

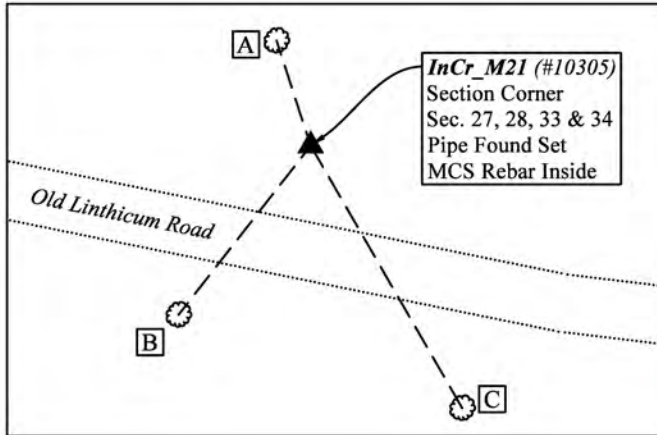


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: 3/25/2022



Photo Orientation & Description: **Capped rebar at M21**



Photo Orientation & Description: **Looking north at M21**

FIELD PERSONNEL:

Field Date: 3/25/2022 By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: 3, page: 45 Notes: None

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

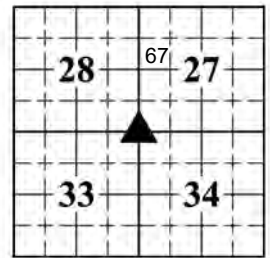
MONUMENT RECORD

Corner ID: InCr_M21

Section Corner

Sections 27, 28, 33 & 34-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



OFFICE USE ONLY

NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:

Offeror Name: Rachel Savich Oser	Firm Name: Oser Surveying & Mapping LLC	
Phone: 812-320-2694	Email: Rachel@OserSurveying.com	
Corner Classification: Perpetuated	Corner Coordinate Status: Unknown	
Issue Date: 2/23/2022	Form Due Date: 3/31/2022	Form Receipt Date:

COUNTY SURVEYOR APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

SURVEYOR REVIEW BOARD APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

MONUMENT RECORD
State of Indiana - County of Monroe

68

Section: 28

Township: 7 North

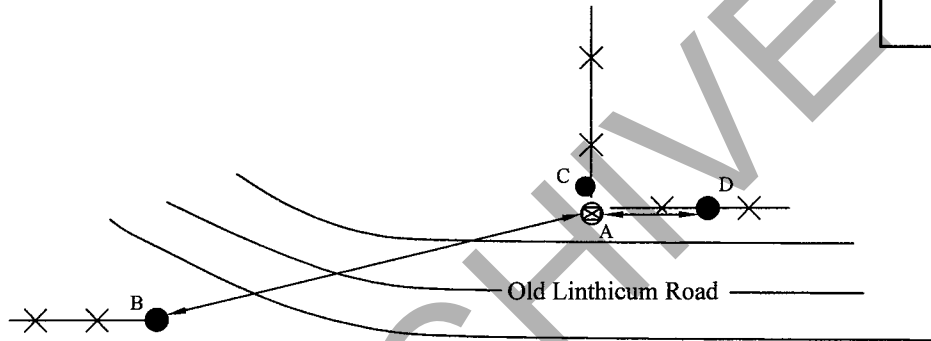
Range: 2 West

Corner ID: InCr M-21

Monument Description & Remarks: $1\frac{1}{2}$ " Iron Pipe. Survey Sign 4.5ft above ground at pt. C

References On File: Eric Deckard survey, Daisy Garton (2003), on file in Recorder Office cabinet S1 envelope 205/206 and envelope 243/244

RECOVERY TIE DRAWING
Field Book 44 Page No. 61



- A - $1\frac{1}{2}$ " Iron Pipe
- B - S 84° W 75.13' to MAG nail in 24" Beech Tree
- C - N 20° E 2.62' to Survey Sign on 3" Red Oak Tree
- D - S 89° E 14.35' to MAG nail in 30" Red Oak Tree

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 36-2-12-11 of the Indiana Code; and the above data is given under my hand and seal this 19th day of November, 2010.

Kevin P. Enright

Administered by the Monroe County Surveyor Review Board

Date: 12/14/2010



MONUMENT RECORD
State of Indiana - County of Monroe

69

Section: 33

Township: 7 North

Range: 2 West

Corner ID: InCr M-23

Monument Description & Remarks: $1\frac{1}{8}$ " Iron Pipe 0.6ft above ground. Survey Sign 2ft above ground at pt. B

References On File: Eric Deckard survey, Daisy Garton (2003), on file in Recorder Office cabinet S1 envelope 205/206 and envelope 243/244

RECOVERY TIE DRAWING
Field Book 44 Page No. 62



- A - $1\frac{1}{8}$ " Iron Pipe
- B - N 60° E 0.10' to MAG
nail in 1"x1"x2.5' metal post
- C - S 09° E 15.90' to MAG
nail in 26" Sugar Maple
- D - N 89° W 46.45' to MAG
nail in 16" Sugar Maple

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 36-2-12-11 of the Indiana Code; and the above data is given under my hand and seal this 22nd day of November, 2010.

Kevin P. Enright

Administered by the Monroe County Surveyor Review Board

Date: 12/14/2010

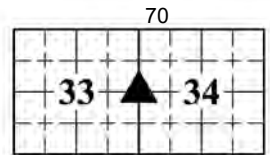


MONUMENT RECORD

Corner ID: InCr_M23

Quarter Corner

Sections 33 & 34-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P279**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar	10"	N 24° E	12.5'
Sugar	6"	S 9° W	7.9'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **11/22/2010** By: **Kevin Enright**

Where filed or recorded: **MCSO Mon. Record InCr_M23**

Original monument: **Found 1-1/8" iron pipe 0.6' a.g.**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Mag in 1"x1"x2.5' metal post w/ MCSO sign		N 60° E	0.10'
Mag in sugar maple	26"	S 09° E	15.90'
Mag in sugar maple	16"	N 89° W	46.45'

Notes: **Approved by MCSRB on 12/14/2010**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/16/2022** By: **RSO & PMO** Monument Found: **Pipe** BTs or Reference Objects Found: **None from original survey. Post with sign from 2010.** Notes: **Fences in the area are new. Both sugar maples from 2010 are gone.**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Section Corner plats for Sections 33 & 34 (IP set shown on these surveys)	MCSO RSID 002123 MCSO RSID 002127
9/2/2003	Deckard, Eric Lee	Boundary survey for Daisy Garton Trust	MCR 2003033113 MCR 2005000200

PERPETUATION RECORD

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

1-1/4" o.d. iron pipe was found 0.7 feet above grade on the north side of an 8" wood post.

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 pipe is in a wooded area 1320 feet west of Linthicum Road at the northeast corner of a pasture with new high-tensile fence to the west and south.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

The origin of this pipe is unknown. It was accepted by Eric Deckard in 2003 and by the Monroe County Surveyor Review Board in 2010. We accepted the pipe as the best evidence of the corner.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

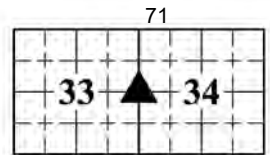
- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.**
- Discrepancies in the Documents: **9.9 feet due to discrepancies between measured distances and record distances from the original government survey.**
- Inconsistencies in the lines of Occupation: **None noted.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT RECORD

Corner ID: InCr_M23

Quarter Corner

Sections 33 & 34-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A Monroe County Survey Marker sign was nailed 4.6 feet above grade to the north side of an 8" wooden corner post with high-tensile fence extending south and west. The center of the post is 0.6 feet south of the pipe. There is also a 1" x 1" angle iron with a Monroe County Survey Marker sign attached 2.5 feet tall on the southwest side of the pipe.

GEODETIC COORDINATES: Northing: 1366586.10', Easting: 3081760.04'

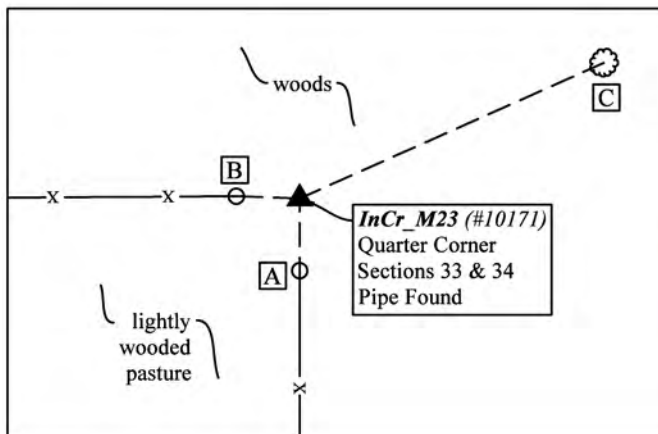
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. **The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.**

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	S 0° E	7.5'	2" mag nail and 1-1/2" orange plastic disc set 8" above grade on the east side of an 8" wood post
B	N 88° W	6.6'	2" mag nail and 1-1/2" orange plastic disc set 6" above grade on the north side of an 8" wood post
C	N 66° E	34.6'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 6" above grade on the south root of an 18" + 18" double shagbark hickory

Notes: Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD

Corner ID: InCr_M23

Quarter Corner

Sections 33 & 34-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

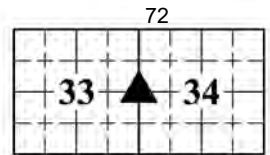


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/16/2022**



Photo Orientation & Description: **Pipe at M23**



Photo Orientation & Description: **Looking south at M23**

FIELD PERSONNEL:

Field Date: **3/16/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **42** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:



Seal:

This document is not complete without the associated plat and report of even date.

OFFICE USE ONLY

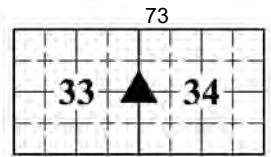
NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:			
Offeror Name: Rachel Savich Oser	Firm Name: Oser Surveying & Mapping LLC		
Phone: 812-320-2694	Email: Rachel@OserSurveying.com		
Corner Classification: Perpetuated	Corner Coordinate Status: Unknown		
Issue Date: 2/23/2022	Form Due Date: 3/31/2022	Form Receipt Date:	

MONUMENT RECORD

Corner ID: InCr_M23

Quarter Corner

Sections 33 & 34-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



COUNTY SURVEYOR APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

SURVEYOR REVIEW BOARD APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

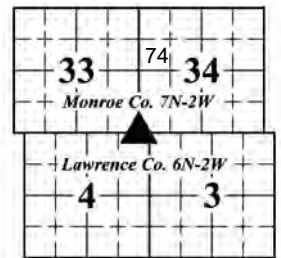
DRAFT

MONUMENT RECORD

Corner ID: InCr_M25

Section Corner

Sections 33 & 34-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P263**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
W.Oak	18"	S 25° W	20.5'
Sugar	14"	N 65° E	13.2'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: By:

Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: **No legal survey records found**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/14/2022** By: **RSO & PMO** Monument Found: **rebar** BTs or Reference Objects Found: **None** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Section corner plats for Sections 33 & 34-7N-2W (Depicts stone set – Not found 2022)	MCSO RSIDs 002123 & 002127
12/19/1972	Prall, Nelson	Survey for Holmes in Sections 3 & 4-6N-2W and Sections 33 & 34-7N-2W (Monument not shown)	LCSO
39/9/1990	Sipes, Robert	Survey of 6989 W Popcorn Rd in Sec. 33 & 34-7N-2W	MCSO RSID 002120
2/13/1993	Ramsey, Stephen	89.7 acre survey in Section 34-7N-2W	MCSO RSID 002125
9/2/2003	Deckard, Eric	Boundary survey for Daisy Garton Trust	MCR 2003033113 MCR 2005000200

PERPETUATION RECORD

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

5/8" rebar 12" below grade in a field of row crops capped with a 2" aluminum cap stamped "MONROE COUNTY SURVEYOR 33 34 + 04 21100022"

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 rebar is in a field approximately 150 feet southwest of the southwest corner of a large wooden barn.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

Nelson Prall established this corner in 1972, but the pipe was not found. A set stone is shown at this corner on an undated plat on file in the Monroe County Surveyor's Office, but the stone was not found either. In 1993, Stephen Ramsey established this corner 176.22 feet west of the Harrison Monument at the Lawrence County closing corner (Witness Tie A below). Ramsey held the 176.22 foot distance as opposed to the 163.02 foot distance from the original survey notes to agree with Nelson Prall and because the location agreed with fences observed to the north. We presume that the found rebar was set by Stephen Ramsey and we accepted it as the best evidence of the corner.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

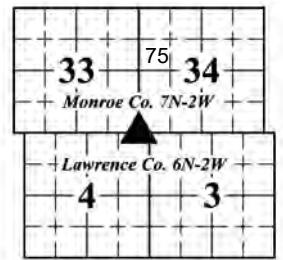
- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.**
- Discrepancies in the Documents: **13.6 feet.**

MONUMENT RECORD

Corner ID: InCr_M25

Section Corner

Sections 33 & 34-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



- Inconsistencies in the lines of Occupation: **None noted.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A stamped aluminum cap was added to the top of the found rebar and the rebar was reburied.

GEODETIC COORDINATES: Northing: **1363937.58'**, Easting: **3081675.19'**

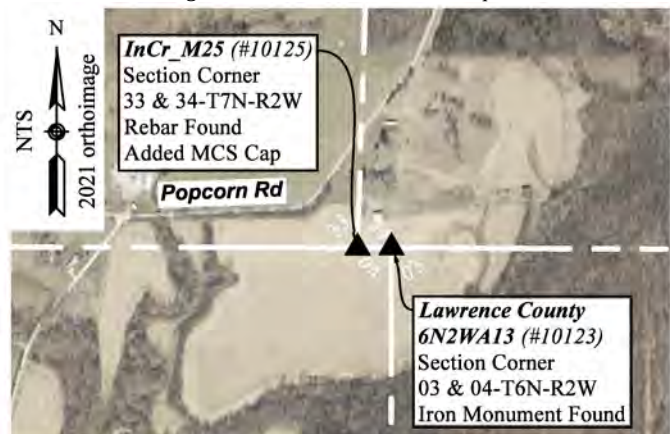
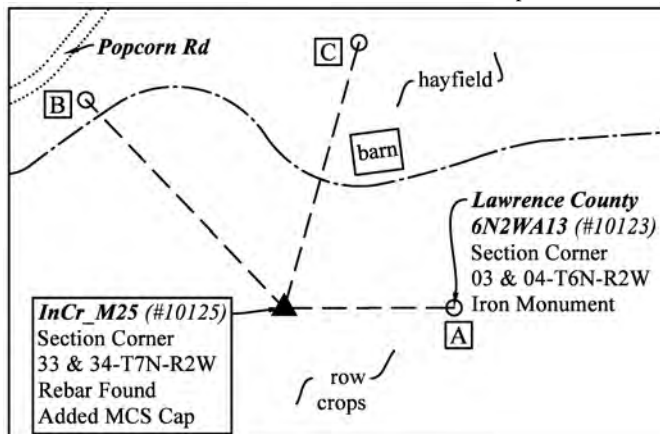
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. **The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.**

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	N 89°51'14" E	176.64'	Broken base of Harrison Monument with 1-1/2" drill steel found 12" below grade at the Section Corner common to Sections 3 and 4-T6N-R2W (Lawrence County 6N2WA13)
B	N 43° 42' W	298.7'	2" mag nail and 1-1/2" orange plastic disc set 2" above grade on the west side of 8" utility pole UDWI 138106
C	N 15° 45' E	286.2'	2" mag nail and 1-1/2" orange plastic disc set 2" above grade on the east side of 8" utility pole UDWI 138108

Notes: **Witness ties were measured with RTK.**

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD

Corner ID: InCr_M25

Section Corner

Sections 33 & 34-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

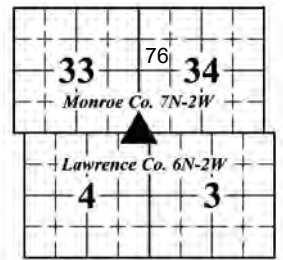


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/14/2022**



Photo Orientation & Description: **Capped rebar at M25**



Photo Orientation & Description: **Looking north at M25**

FIELD PERSONNEL:

Field Date: **3/14/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **41** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

OFFICE USE ONLY

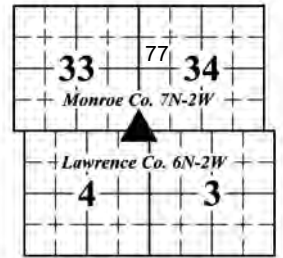
NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:			
Offeror Name: Rachel Savich Oser		Firm Name: Oser Surveying & Mapping LLC	
Phone: 812-320-2694		Email: Rachel@OserSurveying.com	
Corner Classification: Unknown		Corner Coordinate Status: Unknown	
Issue Date: 2/23/2022	Form Due Date: 3/31/2022	Form Receipt Date:	

MONUMENT RECORD

Corner ID: InCr_M25

Section Corner

Sections 33 & 34-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



COUNTY SURVEYOR APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

SURVEYOR REVIEW BOARD APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

DRAFT

MONUMENT RECORD

Corner ID: InCr_O21

Quarter Corner

Sections 27 & 34-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P280**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
W.Oak	20"	East	19.1'
Hickory	10"	S 60° W	8.6'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: By:

Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: **No legal survey records found**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/16/2022** By: **RSO & PMO** Monument Found: **Rebar** BTs or Reference Objects Found: **None** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Section Corner plat for Section 34 (IP set at fence corner)	MCSO RSID 002127
2/13/1993	Ramsey, Stephen	89.7 acre survey in Section 34	MCSO RSID 002125
9/2/2003	Deckard, Eric Lee	Boundary survey for Daisy Garton Trust (Ramsey rebar found 20.0 feet south of corner)	MCR 2003033113 MCR 2005000200

PERPETUATION RECORD

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

5/8" rebar with 2" aluminum cap 5" below grade on the east side of a tractor path. The cap is stamped "MONROE COUNTY SURVEYOR S 27 1/4 + S34 21100022"

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 rebar was found flush on the east side of tractor path in a deep rut. We added the aluminum cap and drove the rebar down to 5" below grade to help prevent it from being damaged. Wire fence remains were observed to the east.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

The origin of the rebar is unknown. A 2003 survey by Eric Deckard called the Ramsey rebar out as a 20 foot witness to the corner, but Deckard did not indicate that he set a rebar. The rebar fits reasonably well with the 1993 Ramsey survey, the 2003 Deckard survey, and other survey monuments in the area. We accepted it as the best evidence of the corner.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.**
- Discrepancies in the Documents: **0.7 feet.**
- Inconsistencies in the lines of Occupation: **None noted.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT RECORD

Corner ID: InCr_O21

Quarter Corner

Sections 27 & 34-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was set 4.9 feet southeast of the rebar on the edge of the tractor path with a yellow Monroe County Survey Marker sign attached 3 feet above grade.

GEODETIC COORDINATES: Northing: 1369241.88', Easting: 3084470.33'

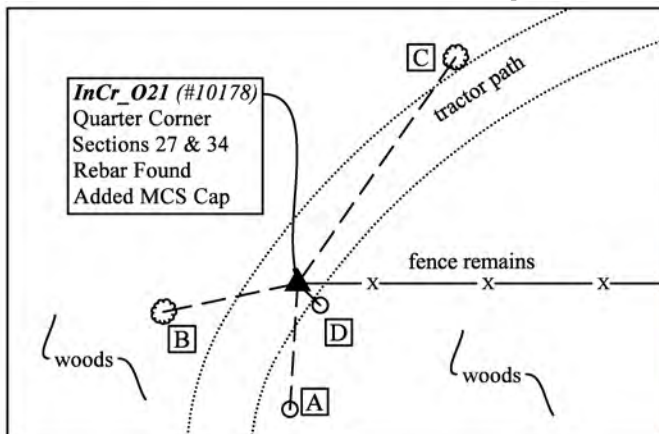
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. **The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.**

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	S 3°28'35" W	19.69'	5/8" rebar with yellow plastic cap stamped "STEPHEN E. RAMSEY # S0374" found flush 1 foot south of the middle of a railroad tie post
B	S 78° W	21.4'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 5" above grade on the northeast side of a 6" dbh elm
C	N 35° E	42.9'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 12" above grade on the northwest side of an 8" dbh tulip poplar
D	S 46° E	4.9'	T-post with Survey Marker sign 3 feet above grade on the east side of tractor path

Notes: Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings. Witness Tie A was located with RTK.

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD

Corner ID: InCr_O21

Quarter Corner

Sections 27 & 34-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/16/2022**



Photo Orientation & Description: **Capped rebar at O21**



Photo Orientation & Description: **Looking east at O21**

FIELD PERSONNEL:

Field Date: **3/16/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **42** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

OFFICE USE ONLY

NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:			
Offeror Name: Rachel Savich Oser	Firm Name: Oser Surveying & Mapping LLC		
Phone: 812-320-2694	Email: Rachel@OserSurveying.com		
Corner Classification: Unknown		Corner Coordinate Status: Unknown	
Issue Date: 2/23/2022	Form Due Date: 3/31/2022	Form Receipt Date:	

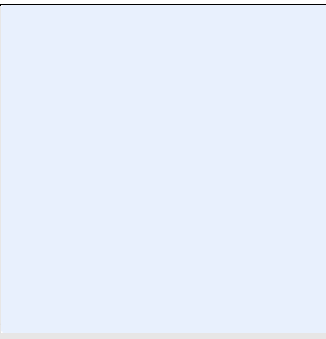
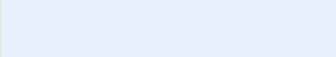
MONUMENT RECORD

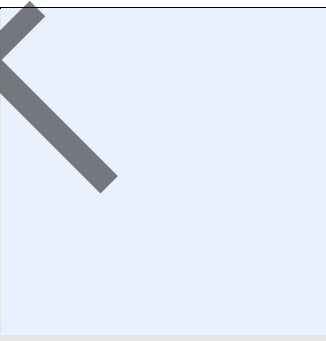
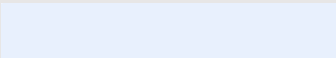
Corner ID: InCr_O21

Quarter Corner

Sections 27 & 34-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



COUNTY SURVEYOR APPROVAL:		
☐ Yes, Signature: 	Date:	
☐ No, reasons for denial		Seal:

SURVEYOR REVIEW BOARD APPROVAL:		
☐ Yes, Signature: 	Date:	
☐ No, reasons for denial		Seal:

DRAFT

MONUMENT RECORD
Corner ID: **InCr_O23**
Center ¼ Corner
Section 34-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Notes: *Not an original government corner*

SUBSEQUENT CORNER RESTORATION:

Notes: *No legal survey records found*

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/14/2022 (Corner not found. Found Ramsey Rebar at Witness Tie D. Rebar set on 3/25/2022**

By: **RSO & PMO** Monument Found: **No** BTs or Reference Objects Found: **rebar in the c/l of Popcorn Road** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Section Corner plat for 34 (IP Set 7.66 N of road c/l)	MCSO RSID 002127
2/13/1993	Ramsey, Stephen	89.7 acre survey in Section 34 (rebar set in the c/l of Popcorn Road 27.69 feet south of the midpoint of the north to south half-section line)	MCSO RSID 002125
9/2/2003	Deckard, Eric Lee	Boundary survey for Daisy Garton Trust (Ramsey rebar found 27.92 feet south of center ¼ corner)	MCR 2003033113 MCR 2005000200

PERPETUATION RECORD

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

A 5/8" rebar with a 2" aluminum cap stamped "MONROE COUNTY SURVEYOR C1/4 + S34 21100022" was set 8" above grade.

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 rebar is on the south side of the bank on the north side of Popcorn Road, 1.8 feet north of the north side of a 32" double oak tree. Fence remains were observed on the ground within 2 feet of the corner.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

This is not an original government corner and no record was found of a legal survey to establish it. In 1993, Stephen Ramsey calculated this corner at the midpoint between the north and south quarter corners of Section 34. In 2003, Eric Deckard calculated the corner in the same way. Neither Ramsey or Deckard monumented the corner. We established the corner at the intersection of the north to south half-section line between the rebar found at the N1/4 Corner O21 and the Nelson Prall Pipe found at South ¼ Corner O25 with the east to west half-section line between the SNA rebar found at the Center-West 1/16 Corner (N23) with the rebar found at the East 1/4 Corner (Q23). The corner thus established is 3.18 feet north of the intersection of opposite quarter corners and 5.41 feet south of the midpoint between the north and south quarter corners.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: **~15 feet due to the IP (not found) depicted on the undated and unsigned plat listed above.**
- Discrepancies in the Documents: **5.4 feet.**
- Inconsistencies in the lines of Occupation: **None noted.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT RECORD

Corner ID: InCr_O23

Center 1/4 Corner

Section 34-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was set 0.25 feet north of the rebar with a yellow Survey Marker sign attached 3 feet above grade.

GEODETIC COORDINATES: Northing: 1366577.63', Easting: 3084400.87'

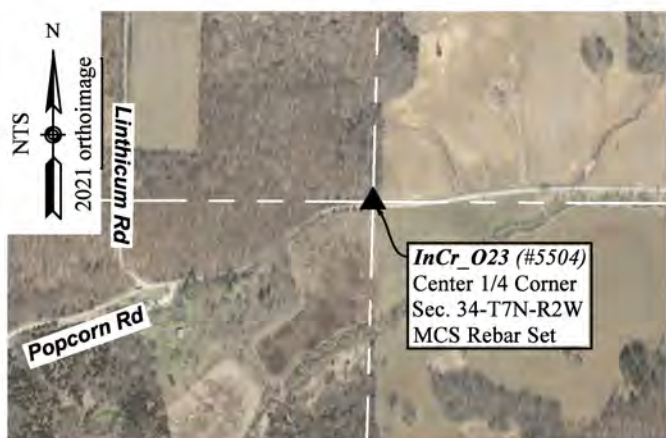
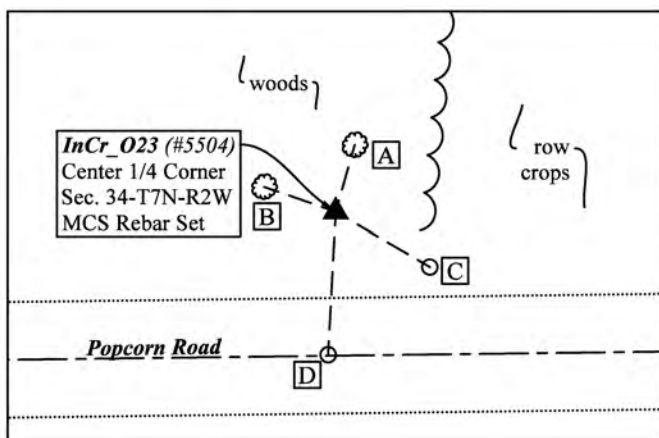
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. **The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.**

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	N 16° E	10.8'	2" mag nail and 1-1/2" orange plastic disc set 8" above grade on the southeast side of a 3" dbh hickory
B	N 71° W	11.8'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 15" above grade on the north side of a 13" dbh oak
C	S 60° E	17.0'	1-3/4" x 1-3/4" galvanized road sign post (Curvy Road Arrow)
D	S 3°1'39" W	22.26'	5/8" rebar with yellow plastic cap stamped "STEPHEN E. RAMSEY #S0374" found 5" below grade in the centerline of Popcorn Road

Notes: Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings. Witness D was located with RTK.

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD

Corner ID: InCr_O23

Center 1/4 Corner

Section 34-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: 3/25/2022



Photo Orientation & Description: **Capped rebar at O23**



Photo Orientation & Description: **Looking north at O23**

FIELD PERSONNEL:

Field Date: 3/25/2022 By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **45** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

OFFICE USE ONLY

NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:			
Offeror Name: Rachel Savich Oser		Firm Name: Oser Surveying & Mapping LLC	
Phone: 812-320-2694		Email: Rachel@OserSurveying.com	
Corner Classification: Unknown		Corner Coordinate Status: Unknown	
Issue Date: 2/23/2022	Form Due Date: 3/31/2022	Form Receipt Date:	

MONUMENT RECORD

Corner ID: InCr_O23

Center ¼ Corner

Section 34-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



COUNTY SURVEYOR APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

SURVEYOR REVIEW BOARD APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

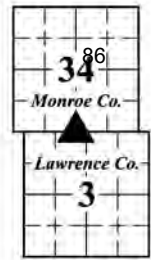
MONUMENT RECORD

Corner ID: InCr_O25

South 1/4 Corner

Section 34-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P263**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	30"	S 57° E	7.9'
Beech	20"	N 27° W	9.2'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **2/27/1998** By: **Michael Arena, LCS**

Where filed or recorded: **Lawrence Co. Corner Record Z15**

Original monument: **Found 1/2" Pipe**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Nail in cedar	8"	318°	58.58'
Fence	-	180°	0.5'
Poplar	13"	66°	42.9'

Notes: **Coordinates provided**

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: By:

Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: **No legal survey records found**

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **11/29/2010** By: **Kevin Enright, MCS**

Where filed or recorded: **MCSO Mon. Record InCr O25**

Original monument: **1/2" rebar with Prall cap**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Survey sign 4.5' above grade on round treated post	4"	S 55° E	0.33'
Harrison Monument at offset corner		S 86° E	149.80'
NW corner of restroom building		S 67° E	128.80'

Notes: **Approved by MCSRB on 12/14/2010**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/15/2022** By: **RSO & PMO** Monument Found: **Prall Pipe** BTs or Reference Objects Found: **All from 2010.**

Fence and poplar from 1998 Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Section corner plat for Section 34-7N-2W (IP Set shown 139.95 feet west of Harrison Marker found at the N1/4 of Section 3-6N-2W – Not found)	MCSO RSID 002127
2/13/1993	Ramsey, Stephen	89.7 acre survey in Section 34-7N-2W (Held 1/2" iron pipe found 149.16 feet west of Harrison found at the N1/4 of Section 3-6N-2W)	MCSO RSID 002125
9/2/2003	Deckard, Eric	Boundary survey for Daisy Garton Trust (Held Prall rebar found 149.06 feet west of Harrison found at the N1/4 of Section 3-6N-2W)	MCR 2003033113 MCR 2005000200

PERPETUATION RECORD

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

1/2" iron pipe with a yellow plug stamped "PRALL LS 10234" found 2" below grade

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 pipe is 0.5 feet north of an east/west smooth wire fence on the north side of a gravel lane.

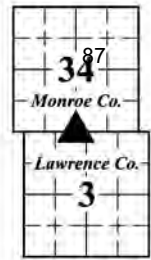
MONUMENT RECORD

Corner ID: InCr_O25

South 1/4 Corner

Section 34-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

Both the pipe and the Harrison Monument at the Lawrence County closing corner (Witness Tie A) were presumably set by former Lawrence County Surveyor Nelson Prall. The IP set shown on the undated and unsigned plat referenced above was not found. The Prall pipe has consistently been accepted on subsequent surveys and we accepted it as the best evidence of the corner.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.**
- Discrepancies in the Documents: **9.1 feet.**
- Inconsistencies in the lines of Occupation: **None noted.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A Monroe County Survey Marker sign was found 4 feet above grade on the south side of a 4" treated wood post S 55° E 0.5 feet from the pipe.

GEODETIC COORDINATES: Northing: **1363924.20'**, Easting: **3084331.69'**

BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. **The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.**

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	S 89°47'58" E	149.08'	Harrison Monument found flush at the North ¼ Corner of Section 3-T6N-R2W (Lawrence County 6N2WA15)
B	S 71° 41' 52" E	124.15'	Northwest corner of concrete sidewalk around concrete block restroom
C	S 1° W	37.8'	Water Spigot #10
D	S 39° W	48.3'	Water Spigot #9

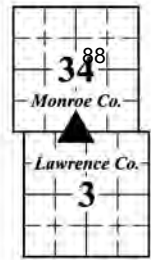
Notes: **Witness ties were measured with RTK.**

MONUMENT RECORD

Corner ID: InCr_O25

South 1/4 Corner

Section 34-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.

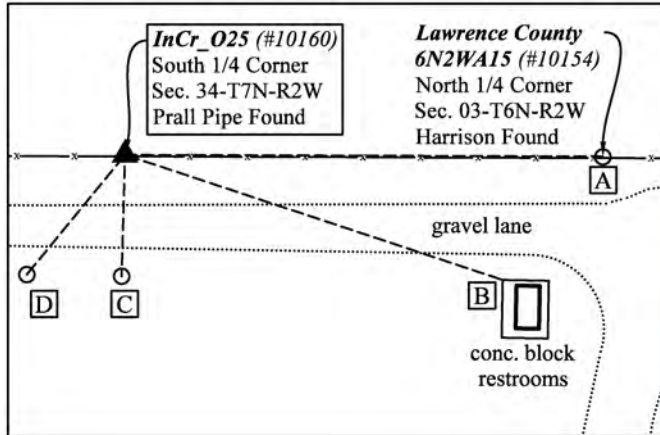


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: 3/15/2022



Photo Orientation & Description: **Prall pipe at O25**



Photo Orientation & Description: **Looking north at O25**

FIELD PERSONNEL:

Field Date: 3/15/2022 By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **42** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

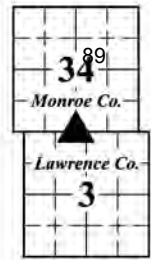
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_O25

South 1/4 Corner

Section 34-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



OFFICE USE ONLY

NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:			
Offeror Name: Rachel Savich Oser		Firm Name: Oser Surveying & Mapping LLC	
Phone: 812-320-2694		Email: Rachel@OserSurveying.com	
Corner Classification: Perpetuated		Corner Coordinate Status: Unknown	
Issue Date: 2/23/2022	Form Due Date: 3/31/2022		Form Receipt Date:

COUNTY SURVEYOR APPROVAL:		
☐ Yes, Signature:	Date:	
☐ No, reasons for denial		

SURVEYOR REVIEW BOARD APPROVAL:		
☐ Yes, Signature:	Date:	
☐ No, reasons for denial		

MONUMENT RECORD
State of Indiana - County of Monroe

90

Section: 34

Township: 7 North

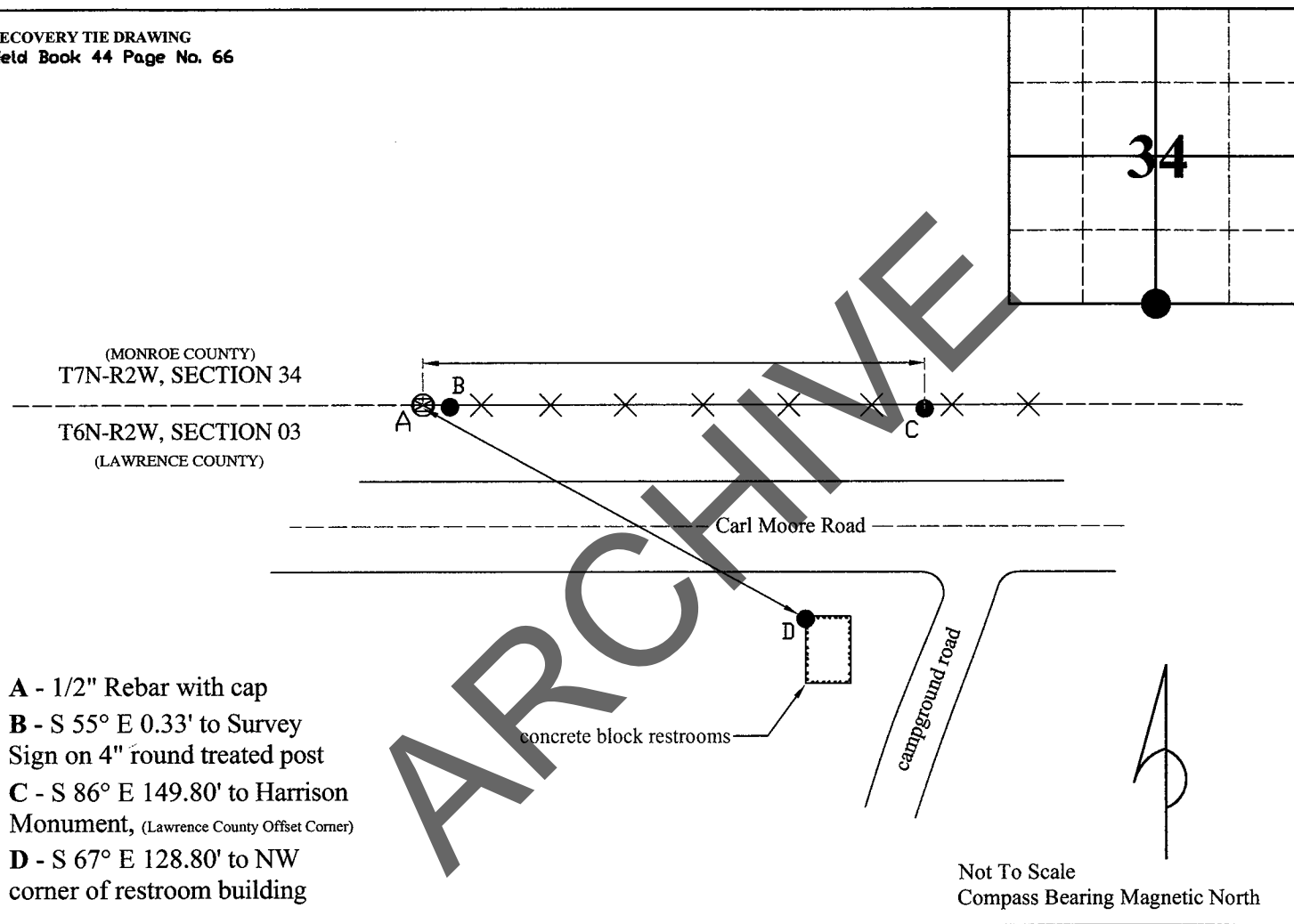
Range: 2 West

Corner ID: InCr O-25

Monument Description & Remarks: 1/2" Rebar with cap, PRALL L.S. 10234". Survey Sign
4.5ft above ground at pt. B

References On File: Eric Deckard survey, Daisy Garton (2003), on file in Recorder Office cabinet
S1 envelope 205/206 and envelope 243/244

RECOVERY TIE DRAWING
Field Book 44 Page No. 66

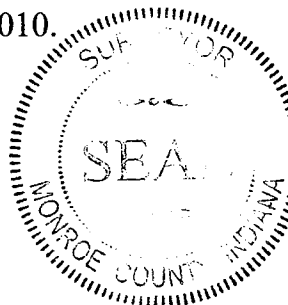


I, Kevin P. Enright, Monroe County Surveyor, hereby certify that this document was prepared under my direction in accordance with the provisions of section 36-2-12-11 of the Indiana Code; and the above data is given under my hand and seal this 29th day of November, 2010.

Kevin P. Enright

Administered by the Monroe County Surveyor Review Board

Date: 12/14/2010

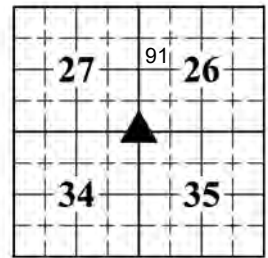


MONUMENT RECORD

Corner ID: InCr_Q21

Section Corner

Sections 26, 27, 34 & 35-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P276**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
W.Oak	12"	N 52° E	8.6'
Beech	10"	S 72° W	4.6'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: By:

Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: **No legal survey records**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/15/2022** By: **RSO & PMO** Monument Found: **Stone and pipe** BTs or Reference Objects Found: **No** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Section corner plats for Sections 34 & 35 (IP Shown)	MCSO RSID 002127 MCSO RSID 002132
10/9/1984	Graham, Raymond	Charles C. Jones survey in Section 35 (Monument not described)	MCSO RSID 002133
7/19/2017	Borgman, Todd M.	Boundary Survey in Sections 22 & 23 (Held stone)	MCR 2018000461
7/15/2021	Porter, Christopher	Retracement Boundary for Deckard (Held pipe)	MCR 2021022094

PERPETUATION RECORD

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

0.9' x 0.3' stone with a cut + on top 3" above grade

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 stone was found well planted near the middle of an old road bed next to a steel t-post. No markings were found on the stone. We added the cut + on top. The stone is approximately 21 feet south of wire fence remains heading west.

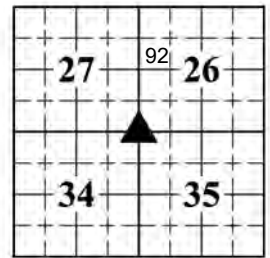
THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

The origin of the pipe and stone are both unknown. The stone is similar in appearance to other survey stones set by the Monroe County Surveyors of the late 1800s. Todd Borgman held the stone in 2017 and Chris Porter held the pipe in 2021. Neither surveyor mentioned the second monument. We accepted the stone because it was a better fit with record dimensions and other monuments in the section.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.**
- Discrepancies in the Documents: **20.8 feet north/south and 27.3 feet east/west.**
- Inconsistencies in the lines of Occupation: **21 feet.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

Sections 26, 27, 34 & 35-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



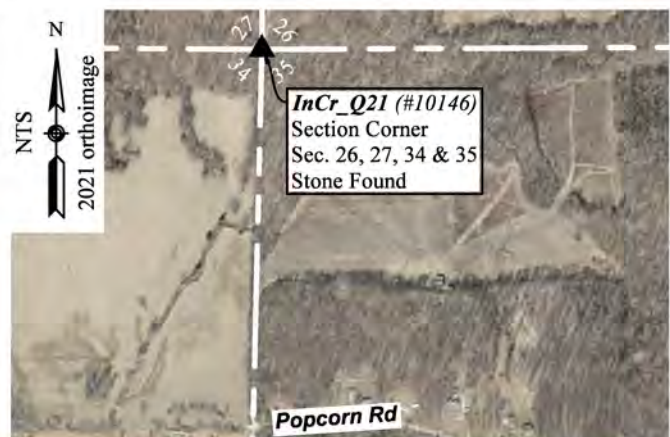
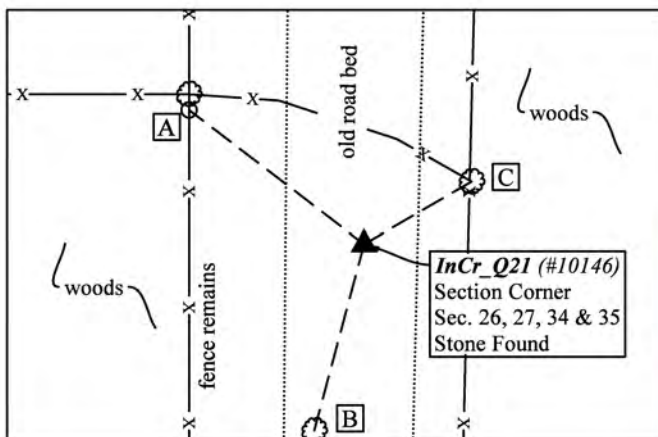
We attached a Survey Marker sign to a steel t-post found 0.8 feet east of the stone.

BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

ID	Bearing	Distance	Description
A	N 53° W	34.4'	½" i.d. iron pipe found 12" above grade on the south side of a 6" hickory fence corner with wire fence remains in four directions
B	S 15° W	30.0'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 24" above grade on the east side of a 30" dbh hickory
C	N 60° E	19.4'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 12" above grade on the southeast side of a 24" dbh beech with fencing wrapped around it

Notes: Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD

Corner ID: InCr_Q21

Section Corner

Sections 26, 27, 34 & 35-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana

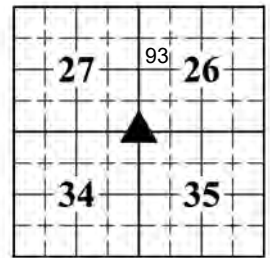


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/15/2022**



Photo Orientation & Description: **Stone at Q21**



Photo Orientation & Description: **Looking east at Q21**

FIELD PERSONNEL:

Field Date: **3/15/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **42** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

OFFICE USE ONLY

NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:			
Offeror Name: Rachel Savich Oser		Firm Name: Oser Surveying & Mapping LLC	
Phone: 812-320-2694		Email: Rachel@OserSurveying.com	
Corner Classification: Unknown		Corner Coordinate Status: Unknown	
Issue Date: 2/23/2022	Form Due Date: 3/31/2022	Form Receipt Date:	

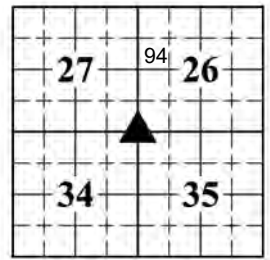
MONUMENT RECORD

Corner ID: InCr_Q21

Section Corner

Sections 26, 27, 34 & 35-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



COUNTY SURVEYOR APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

SURVEYOR REVIEW BOARD APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

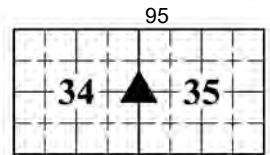
DRAFT

MONUMENT RECORD

Corner ID: InCr_Q23

Quarter Corner

Sections 34 & 35-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P276**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	18"	S 14° W	14.5'
Beech	8"	N 30° W	11.2'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: By:

Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: **No legal survey records found**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/15/2022** By: **RSO & PMO** Monument Found: **Rebar** BTs or Reference Objects Found: **None** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
10/9/1984	Graham, Raymond	Charles C. Jones survey in Section 35	MCSO RSID 002133
2/28/1994	Archer, Steven W.	25.65 acre survey in Section 35 (Origin of 5/8" rebar)	MCSO RSID 002130
3/30/2000	Utt, Lee	8.3572 acre survey in Section 34	MCR 2000005210
6/23/2017	Deckard, Eric Lee	4.96 acre survey	MCR 2017014124
7/15/2021	Porter, Christopher	Retracement Boundary for Deckard	MCR 2021022094.

PERPETUATION RECORD

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

5/8" rebar with a 2" aluminum cap stamped "MONROE COUNTY SURVEYOR 1/4 S 34 + S35 2022 21100022" flush with grade

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 corner is at the southeast corner of a hayfield on the north side of an east/west tractor path and approximately in line with fence remains to the north. The rebar was found flush with no cap next to a 2" x 2.0' tall iron pipe.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

The rebar was set by Steven Archer in 1994 and was previously accepted by Eric Deckard and Christopher Porter.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.**
- Discrepancies in the Documents: **7.5 feet.**
- Inconsistencies in the lines of Occupation: **None noted.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

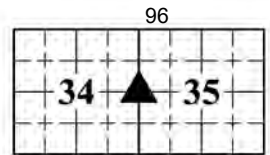
MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

MONUMENT RECORD

Corner ID: InCr_Q23

Quarter Corner

Sections 34 & 35-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



A steel t-post was set 0.4 feet west with a Monroe County Survey Marker sign attached 3 feet above grade.

GEODETIC COORDINATES: Northing: 1366562.80', Easting: 3087044.90'

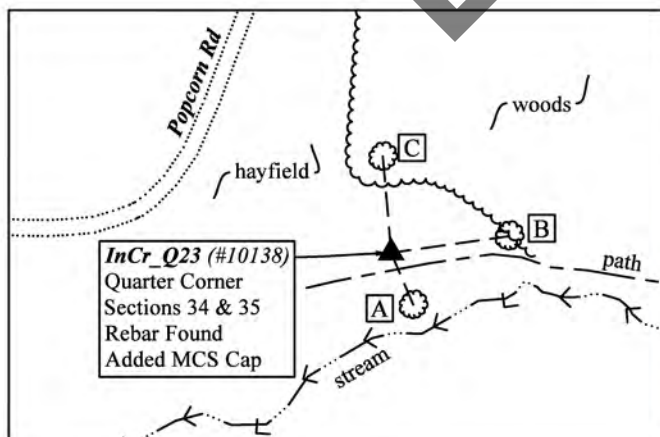
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BT's should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	S 23° E	58.7'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 24" above grade on the east side of a 36" dbh sycamore
B	N 82° E	124.1'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 12" above grade on the south side of an 18" dbh sugar maple
C	N 5° W	100'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 8" above grade on the east side of a 26" dbh red maple

Notes: *Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.*

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD

Corner ID: InCr_Q23

Quarter Corner

Sections 34 & 35-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

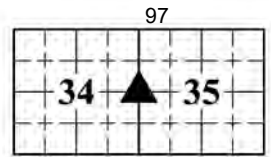


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/15/2022**



Photo Orientation & Description: **Capped rebar at Q23**



Photo Orientation & Description: **Looking west at Q23**

FIELD PERSONNEL:

Field Date: **3/15/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **42** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

OFFICE USE ONLY

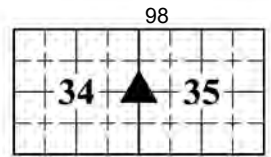
NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:			
Offeror Name: Rachel Savich Oser		Firm Name: Oser Surveying & Mapping LLC	
Phone: 812-320-2694		Email: Rachel@OserSurveying.com	
Corner Classification: Referenced		Corner Coordinate Status: Unknown	
Issue Date: 2/23/2022	Form Due Date: 3/31/2022	Form Receipt Date:	

MONUMENT RECORD

Corner ID: InCr_Q23

Quarter Corner

Sections 34 & 35-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



COUNTY SURVEYOR APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

SURVEYOR REVIEW BOARD APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

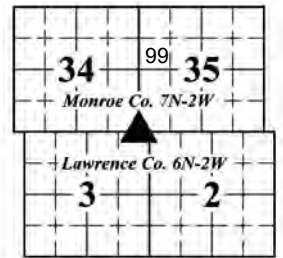
DRAFT

MONUMENT RECORD

Corner ID: InCr_Q25

Section Corner

Sections 34 & 35-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P263**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar	12"	N 53° E	7.9'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **3/26/1889** By: **M. Buskirk, MCS**

Where filed or recorded: **MCSO LSB 2, pg 472**

Original monument: **Not described**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
None			

Notes: **Buskirk measured to this corner, but did not describe the monument or take new bearing trees**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/15/2022** By: **RSO & PMO** Monument Found: **Pipe** BTs or Reference Objects Found: **None** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Section corner plats for Sections 34 & 35	MCSO RSID 002127 & 002132
3/26/1889	Buskirk, M.	Legal Survey in Section 33-7N-2W	MCSO LSB 2, pg 472
12/13/1993	Ramsey, Stephen	89.7 acre survey in Section 34 (found pipe)	MCSO RSID002125

PERPETUATION RECORD

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

7/8" o.d. (1/2" i.d.) iron pipe found 6" below grade on the west side of a 4" wooden post with fence to the west.

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 pipe is on the north side of the gated entrance to the Lawrence County Recreation Park.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

Both the pipe and the Harrison Monument at the Lawrence County closing corner (Witness Tie A) were presumably set by former Lawrence County Surveyor Nelson Prall. The pipe was accepted by Steven Ramsey in 1993. It fits well with possession and other survey monuments in the area and was accepted as the best evidence of the corner.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.**
- Discrepancies in the Documents: **0.3 feet**
- Inconsistencies in the lines of Occupation: **None noted.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

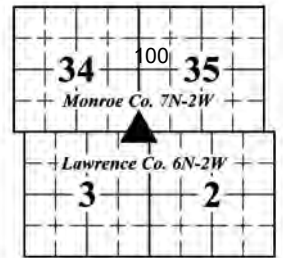
A Monroe County Survey Marker sign was nailed 4.5 feet above grade to the west side of a 12" wooden post 0.8 feet east of the pipe.

MONUMENT RECORD

Corner ID: InCr_Q25

Section Corner

Sections 34 & 35-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



GEODETIC COORDINATES: Northing: 1363914.15', Easting: 3086987.90'

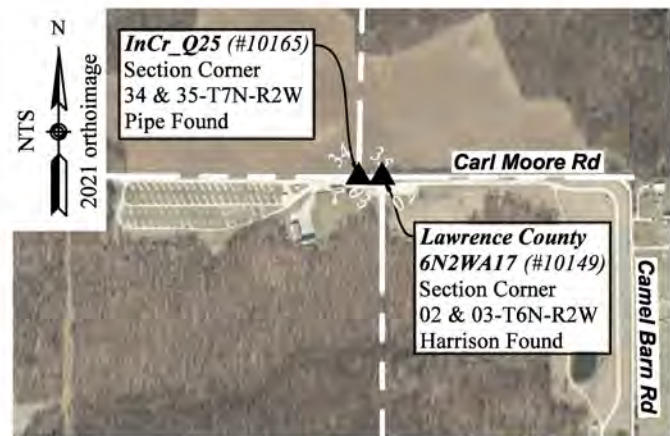
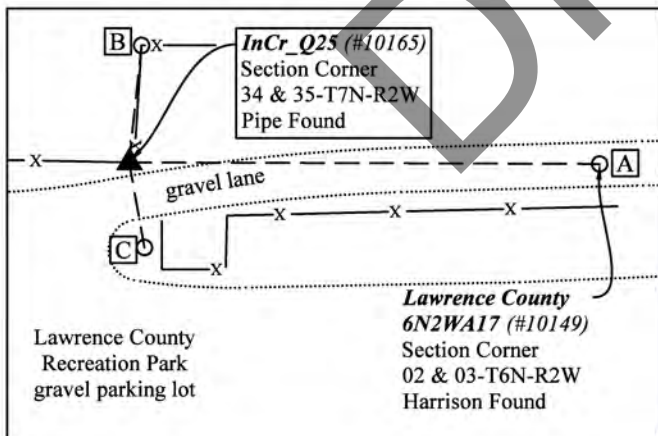
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	S 89°48'15" E	122.39'	Harrison Monument Found in monument box 4" below grade in the centerline of a 13.5 foot wide gravel lane at the Section Corner common to Sections 2 and 3-T6N-R2W (Lawrence County 6N2WA17)
B	N 6° E	30.6'	2" mag nail and 1-1/2" orange plastic disc set 6" above grade on the east side of an 8" wood post
C	S 10° E	22.3'	2" mag nail and 1-1/2" orange plastic disc set 3" above grade on the west side of an 8" utility pole with no wires

Notes: **Witness Ties were measured with RTK.**

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD

Corner ID: InCr_Q25

Section Corner

Sections 34 & 35-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

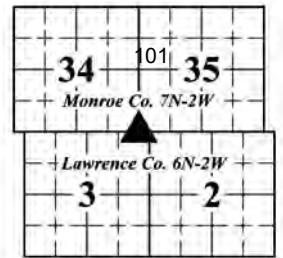


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/15/2022**



Photo Orientation & Description: **Pipe at Q25**



Photo Orientation & Description: **Looking east at Q25**

FIELD PERSONNEL:

Field Date: **3/15/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **42** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

OFFICE USE ONLY

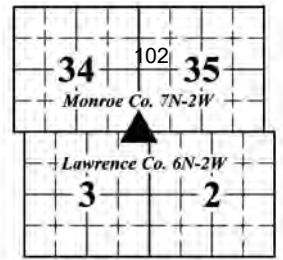
NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:			
Offeror Name: Rachel Savich Oser		Firm Name: Oser Surveying & Mapping LLC	
Phone: 812-320-2694		Email: Rachel@OserSurveying.com	
Corner Classification: Unknown		Corner Coordinate Status: Unknown	
Issue Date: 2/23/2022	Form Due Date: 3/31/2022	Form Receipt Date:	

MONUMENT RECORD

Corner ID: InCr_Q25

Section Corner

Sections 34 & 35-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



COUNTY SURVEYOR APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

SURVEYOR REVIEW BOARD APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

DRAFT

MONUMENT RECORD

Corner ID: TwpCor_I

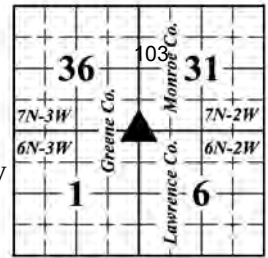
Township Corner

Section 31-T07N-R02W, 2nd P.M., Indian Creek Township, Monroe County

Section 6-T06N-R02W, 2nd P.M., Perry Township, Lawrence County

Section 36-T07N-R03W, 2nd P.M., Center Township, Greene County

Section 1-T06N-R03W, 2nd P.M., Jackson Township, Greene County



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **Original Plat**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
White Oak	40"	S 20° W	13.9'
Sugar	14"	N 5° W	25.7'

Notes: **The original survey notes were incomplete for this corner. Bearing trees were obtained from the plat.**

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **2/26/1878** By: **W. Clogston**

Where filed or recorded: **Greene County LSB 3, pg 066**

Original monument: **Set stone**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Elm	7"	N 73° E	5'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **10/10/1984** By: **Michael Arena**

Where filed or recorded: **Lawrence Co. Corner Record A1**

Original monument: **Found stone**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
SW corner crosstie fence post		258°	0.9'
Triple maple	Large	336°	10.9'
Sassafras	7"	135°	20.8'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **Unknown** By: **Lawrence County Surveyor**

Where filed or recorded: **Lawrence County West Book**

Original monument: **Stone**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Elm	10"	S 64° E	5.9'

Notes: **The stone and bearing tree are noted as additions to the original bearing tree list in the West book.**

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **3/16/1882** By: **Francis Parker**

Where filed or recorded: **Greene County LSB 3, pg 137**

Original monument: **Set stone**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Elm		S 64° E	4.6'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **1/29/1997** By: **Kevin Enright**

Where filed or recorded: **Twp Cor I Monument Record**

Original monument: **Found sandstone with + marked "31"**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sign on post		West	0.9'
PK in tri-forked maple	36"	N 17° W	11.03'
PK in walnut	12"	N 88° W	36.05'
PK in maple	9"	S 67° E	26.67'

Notes: **Nails not found in 2022. Tri-forked maple was dead. Bearings & distances checked to all BTs.**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/21/2022** By: **RSO & PMO** Monument Found: **Stone** BTs or Reference Objects Found: **All BTs from 1997 (no BTs from 1800s legal surveys)** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Pitser, Lowell	Survey in Section 6-6N-2W	Lawrence County Surveyor's Office
3/25/1997	Utt, Lee	Survey of 71.69 acres in Section 31-7N-2W	Monroe County Auditor's Office
3/7/2011	Ballard, Dustin	I69 Section 4 Segment 5 Route Survey	Greene County IN 2011-0923

PERPETUATION RECORD

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

0.8' x 0.4' sandstone with + on top and inscribed "6 + 31" on its east side found 0.4 feet above grade.

MONUMENT RECORD

Corner ID: TwpCor_I

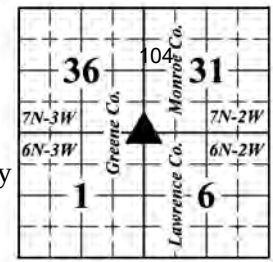
Township Corner

Section 31-T07N-R02W, 2nd P.M., Indian Creek Township, Monroe County

Section 6-T06N-R02W, 2nd P.M., Perry Township, Lawrence County

Section 36-T07N-R03W, 2nd P.M., Center Township, Greene County

Section 1-T06N-R03W, 2nd P.M., Jackson Township, Greene County



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.

From the rebar at C25, follow an atv path along the south side of an east/west wire fence that follows the south line of the southwest quarter of Section 31 for ~1675 feet. The stone is in a relatively flat wooded area approximately 140 feet west of a creek. The stone is in line with wire fence remains to the west and south and wire fence to the north and east.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

The stone was set by Greene County Surveyor Francis Parker in 1882 and has consistently been accepted as the corner on subsequent surveys.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: **None noted.**
- Discrepancies in the Documents: **None noted.**
- Inconsistencies in the lines of Occupation: **None noted.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County “PROTECT NEARBY SURVEY MARKER” sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

An aluminum post with Monroe, Lawrence, and Greene County Survey Marker signs attached was set 0.75 feet north of the + on the top of the stone.

GEODETIC COORDINATES: Northing: **1364011.74'**, Easting: **3066744.09'**

BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. **The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.**

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	WEST	0.75'	Southeast corner of 6"x8" railroad tie fence post with MCSO survey marker sign found 4.0 feet above grade on the east side of the post (Witness B from 1997 Monument Record)
B	N 4° W	6.45'	U-post with 1-1/2" orange plastic disc wired 2.0 feet above grade
C	S 71° E	26.4'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 10" above grade

MONUMENT RECORD

Corner ID: TwpCor_I

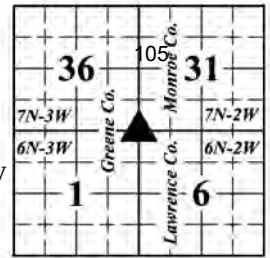
Township Corner

Section 31-T07N-R02W, 2nd P.M., Indian Creek Township, Monroe County

Section 6-T06N-R02W, 2nd P.M., Perry Township, Lawrence County

Section 36-T07N-R03W, 2nd P.M., Center Township, Greene County

Section 1-T06N-R03W, 2nd P.M., Jackson Township, Greene County



			<i>on the northwest side of a 14" dbh sugar maple (Witness E from 1997 Monument Record – pk nail not found)</i>
<i>D</i>	<i>S 15° W</i>	<i>16.8'</i>	<i>2" mag nail and 1-1/2" orange plastic disc set in hack mark 6" above grade on the west side of a 4" dbh musclewood</i>

Notes: *Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.*

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.

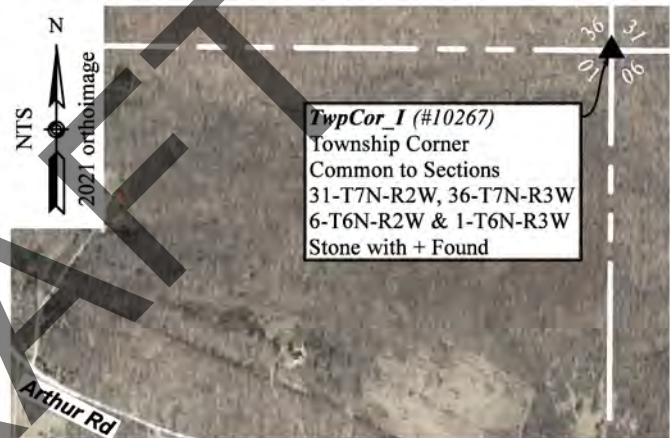
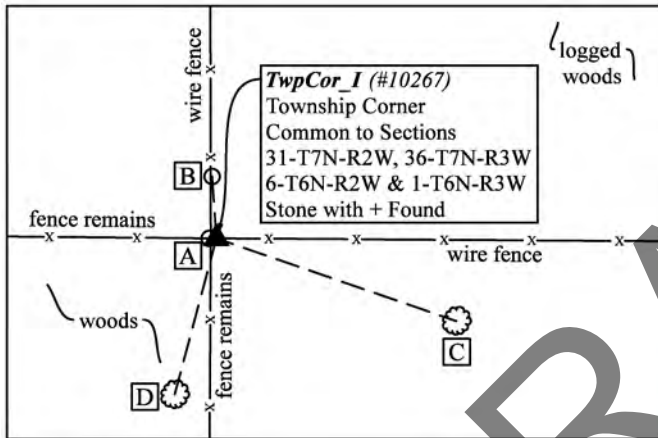


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County "PROTECT NEARBY SURVEY MARKER" sign. Provide photo orientation and date. Additional photos may be included by clicking the "+" button at the end of the horizontal line.

Photo Date: 3/21/2022



Photo Orientation & Description: **Engraving on stone**



Photo Orientation & Description: **Looking north at stone**

FIELD PERSONNEL:

Field Date: 3/21/2022 By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **44** Notes: **None**

MONUMENT RECORD

Corner ID: TwpCor_I

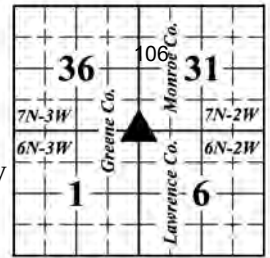
Township Corner

Section 31-T07N-R02W, 2nd P.M., Indian Creek Township, Monroe County

Section 6-T06N-R02W, 2nd P.M., Perry Township, Lawrence County

Section 36-T07N-R03W, 2nd P.M., Center Township, Greene County

Section 1-T06N-R03W, 2nd P.M., Jackson Township, Greene County



CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:



Seal:

This document is not complete without the associated plat and report of even date.

OFFICE USE ONLY

NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:

Offeror Name: Rachel Savich Oser	Firm Name: Oser Surveying & Mapping LLC	
Phone: 812-320-2694	Email: Rachel@OserSurveying.com	
Corner Classification: Perpetuated	Corner Coordinate Status: Unknown	
Issue Date: 2/23/2022	Form Due Date: 3/31/2022	Form Receipt Date:

COUNTY SURVEYOR APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

SURVEYOR REVIEW BOARD APPROVAL:

☐ Yes,
Signature:

Date:

☐ No,
reasons for
denial

Seal:

MONUMENT RECORD

State of Indiana - County of Monroe

Section: 31

Township: 7 North

Range: 2 West

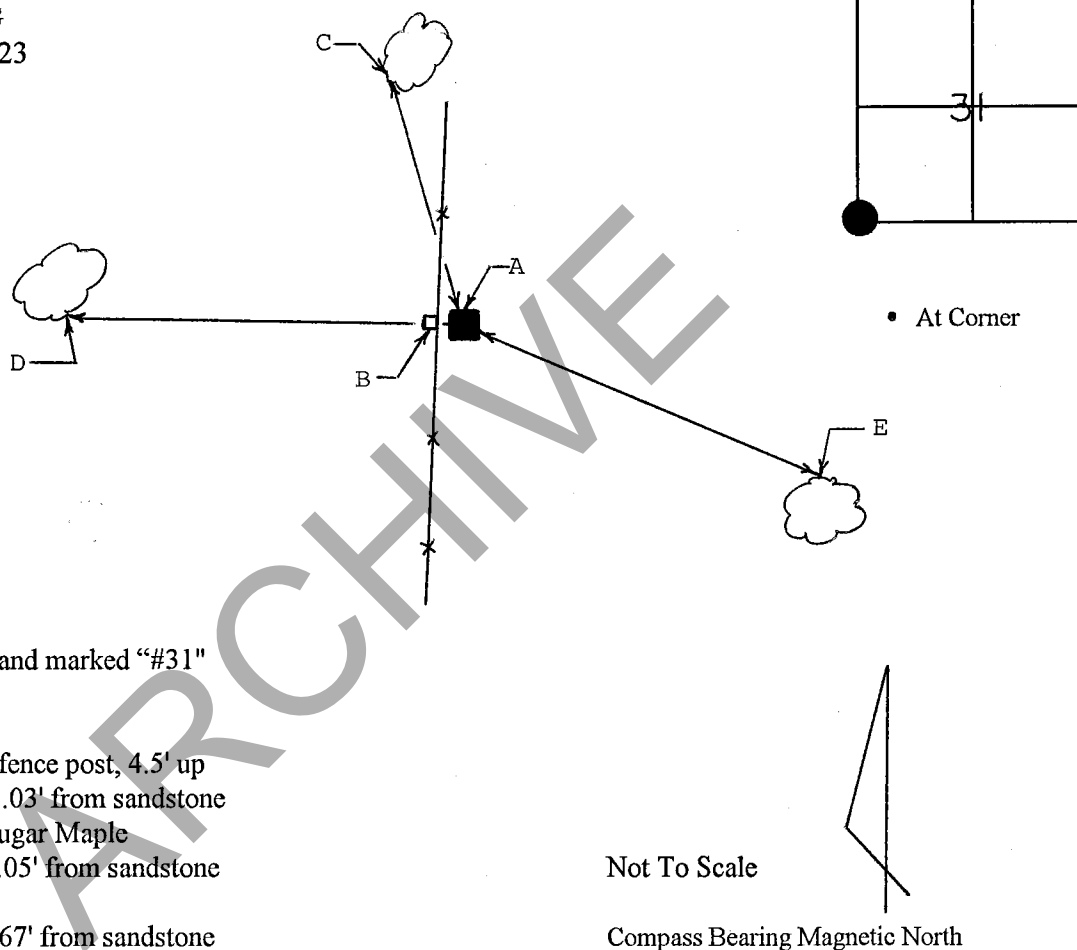
Corner ID: Twp Cor I

Monument Description & Remarks: Found Sandstone w/chiseled "+" and marked "#31" at Southwest corner of section. Common corner of Monroe County, Lawrence County, and Greene County. Sandstone was in good condition, solid in ground, and measured 0.8' x 0.35' x 0.6'.

RECOVERY TIE DRAWING

Field Book 97-01 Page No. 23

USGS Owensburg Quad



A - Sandstone w/chiseled "+" and marked "#31"

B - West, 0.9' from sandstone

Survey marker sign set on fence post, 4.5' up

C - North 17 degrees West, 11.03' from sandstone

PK nail in 36" tri-forked Sugar Maple

D - North 88 degrees West, 36.05' from sandstone

PK nail in 12" Walnut

E - South 67 degrees East, 26.67' from sandstone

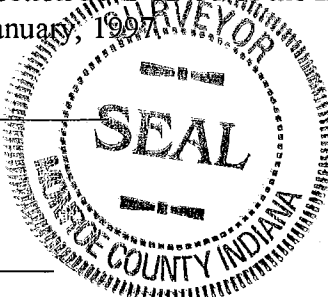
PK nail in 9" Sugar Maple

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 36-2-1 of the Indiana Code; and the above data is given under my hand and seal this 29th day of January, 1997.

Kevin Enright



Administered by

Surveyor

Review Board

Indiana R.L.S. No. _____