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**SURVEYOR'S REPORT**

BOOK

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000722

The purpose of this survey is to obtain topographic data necessary for design and construction of the Oak Savannah – Erie Lackawanna Trail Connector. The project is located in Section 2, Township 35 North, Range 9 West, Calumet Township, Lake County, Indiana.

Coordinates for the project are Indiana State Plane West Zone, NAD83(CORS96), State Plane Coordinates in U.S. survey feet, derived using the INDOT RTK Network (InCORS) and RTK GPS surveying techniques. InCORS Reference Station INGY was utilized. The Geoid model that was used is GEOID09 (CONUS).

The property lines were established by utilizing recorded documents, found section corners and existing field conditions.

Line "A" was established by setting random points along the approximate roadway centerline.

A search was made to locate Section Corners adjacent to the project using visual and metal detector techniques in the anticipated location of the corners. Should Public Land Survey corners be needed where none were found, they should be reestablished and tied to this survey.

Item numbers refer to the number on the Location Control Route Survey Plat.

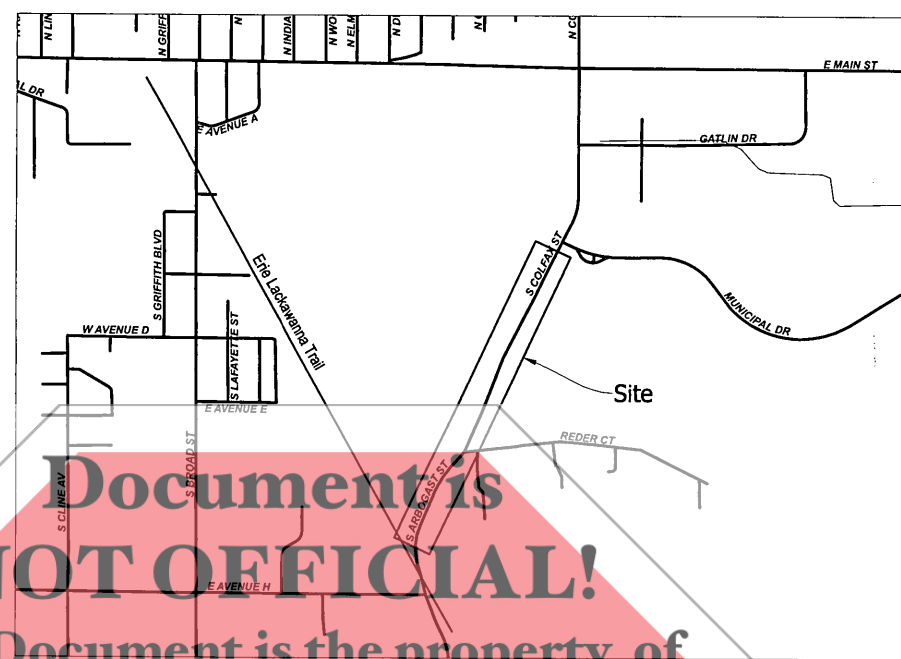
The following alignment control points were set in the field by Butler, Fairman and Seufert, Inc.: 1-5. The uncertainty of location of these monuments to Line "A" is limited to errors in measurement associated with the equipment in use.

The following points are apparent section corners found in the field by Butler, Fairman and Seufert, Inc. utilizing corner records from the Lake County Surveyor's office: 700-703. The uncertainty of location with respect to the original location of the corner is unknown, but may be as much as 2 feet.

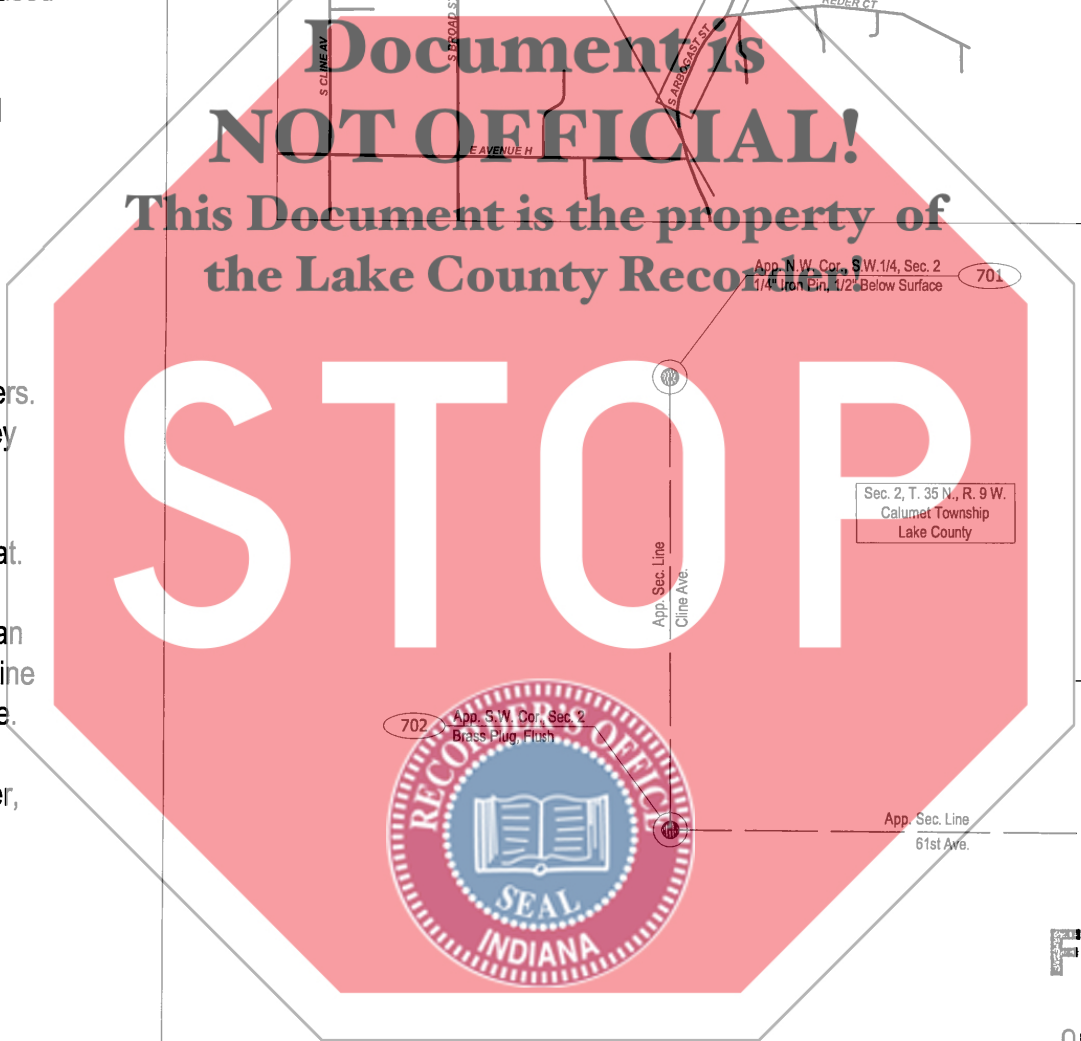
Fieldwork completed between June 16, 2015 and June 19, 2015.

Affirmation Statement: I affirm, under the penalties for perjury, that I have taken reasonable care to redact each Social Security Number in this document, unless required by law. Mark W. Neal

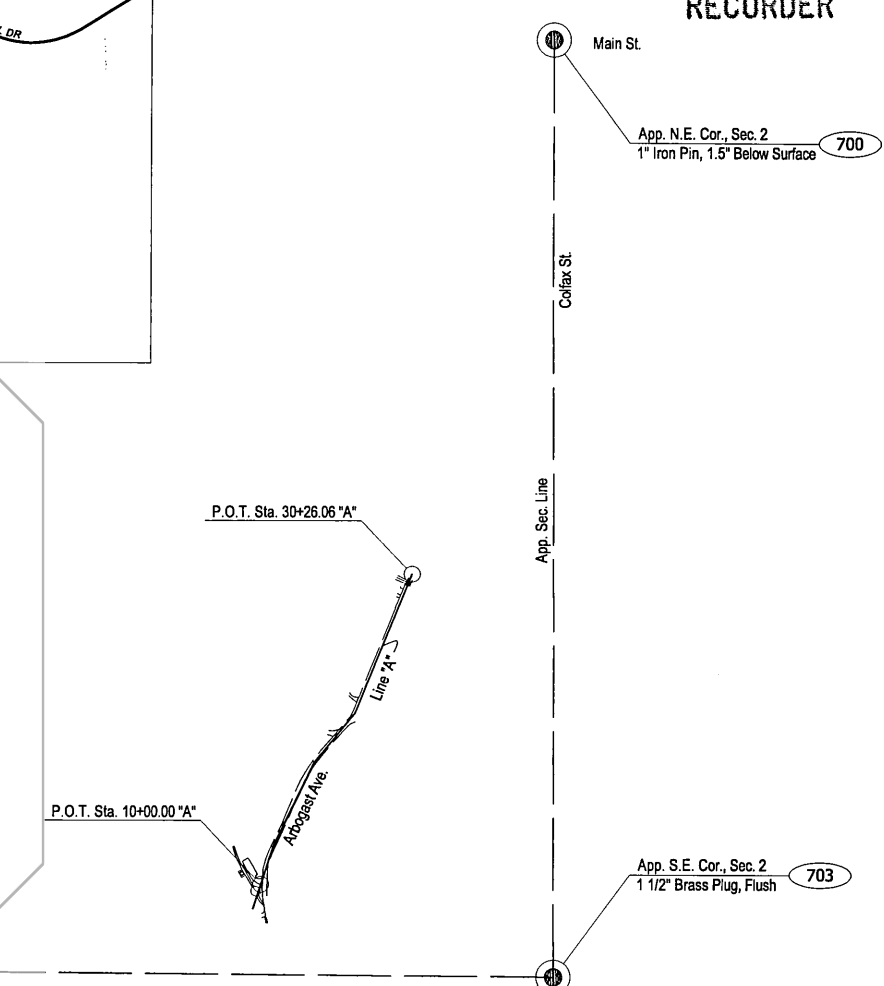
Vicinity Map



2015 071947



STATE OF INDIANA  
 LAKE COUNTY  
 FILED FOR RECORD  
 2015 OCT 23 AM 10:05  
 MICHAEL B. BROWN  
 RECORDER

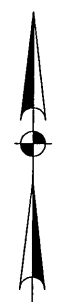


FILED

OCT 23 2015

JOHN E. PETALAS  
 LAKE COUNTY AUDITOR

SECTION OVERVIEW  
 Not To Scale



**OAK SAVANNAH-ERIE LACKAWANNA TRAIL CONNECTOR**  
**LAKE COUNTY, IN.**  
**PREPARED BY: BUTLER, FAIRMAN AND SEUFERT, INC.**

PREPARED BY: M. DORSCH  
 CHECKED BY: M. NEAL

SURVEYOR STATEMENT

THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROVISIONS OF 865 I.A.C. 1-12 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF ANY NEW PARCELS TO BE ACQUIRED OR THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.

INDIANA DEPARTMENT OF TRANSPORTATION

LOCATION CONTROL ROUTE SURVEY PLAT

SIGNATURE: *Mark W. Neal* 10/15/2015  
 REGISTERED LAND SURVEYOR DATE

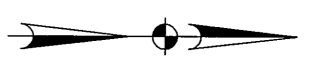
SURVEY STARTED	STRUCTURE NO.	DES. NO.
06/16/2015	N/A	1382658
SURVEY COMPLETED	PROJECT NO.	YEAR
06/19/2015	567100.0401	2015



SHEET	TOTAL
1	2

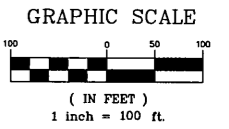
2:2

28/9



STATE OF INDIANA  
LAKE COUNTY  
FILED FOR RECORD

Property Monuments		
Sta. 8+77.63 "A"	61.47' Rt.	Mag Nail
Sta. 8+88.10 "A"	91.61' Rt.	Mag Nail

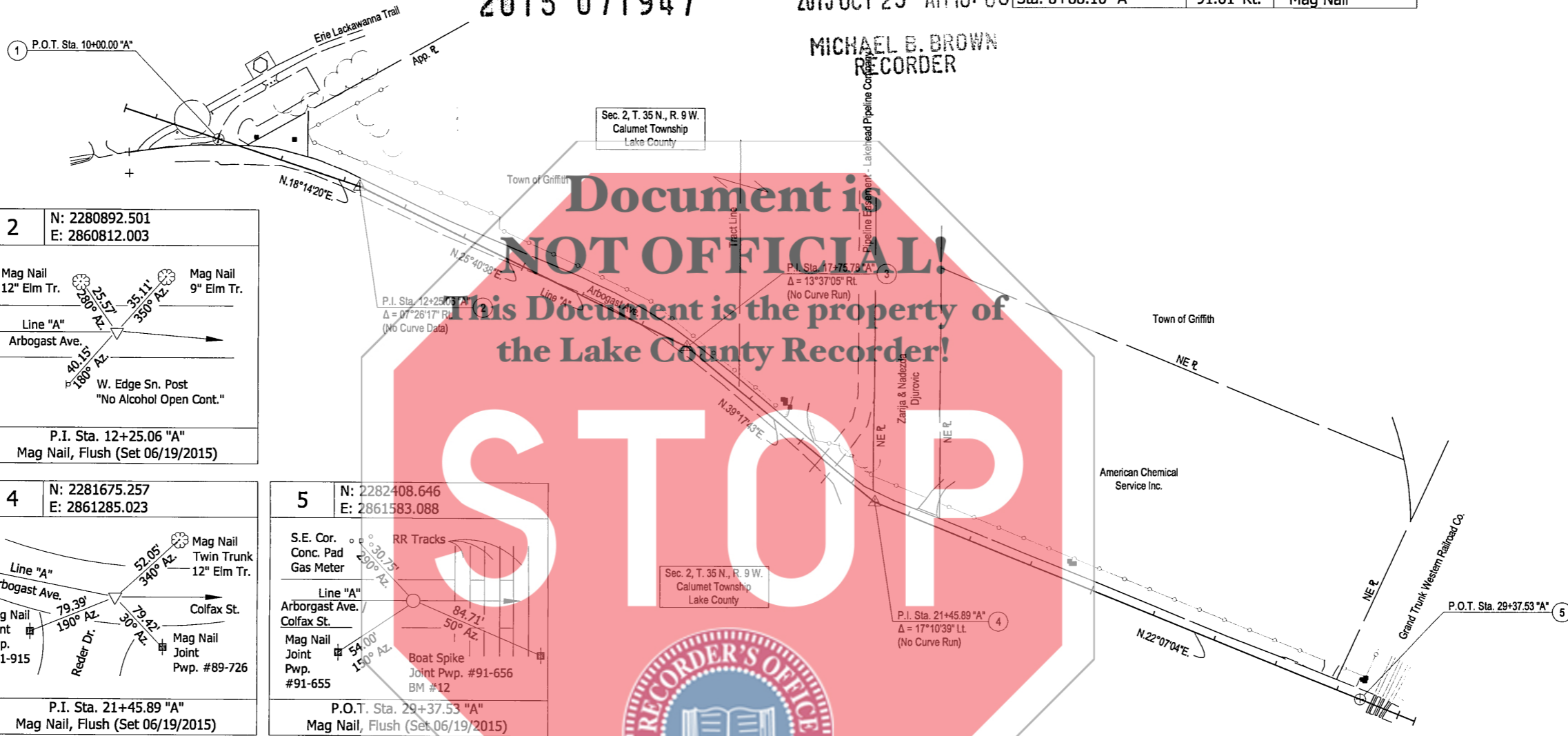


2015 071947

2015 OCT 23 AM 10:05

MICHAEL B. BROWN  
RECORDER

000722



**1** N: 2280678.744  
E: 2860741.562

N.W. Cor. Wd. Post 5.27'  
240° Az. Wd. Fnc. Ent. Trail Head

Line "A" Arbogast Ave.

Mag Nail Pwp. #100-088

P.O.T. Sta. 10+00.00 "A"  
Mag Nail, Flush (Set 06/19/2015)

**2** N: 2280892.501  
E: 2860812.003

Mag Nail 12" Elm Tr. Mag Nail 9" Elm Tr.

Line "A" Arbogast Ave.

W. Edge Sn. Post "No Alcohol Open Cont."

P.I. Sta. 12+25.06 "A"  
Mag Nail, Flush (Set 06/19/2015)

**3** N: 2281388.837  
E: 2861050.630

Mag Nail 12" Elm Tr.

Line "A" Arbogast Ave.

Mag Nail Joint Pwp. #90-899 Mag Nail Joint Pwp. #51-080

P.I. Sta. 17+75.78 "A"  
Mag Nail, Flush (Set 06/19/2015)

**4** N: 2281675.257  
E: 2861285.023

Line "A" Arbogast Ave.

Mag Nail Joint Pwp. #61-915

Mag Nail Joint Pwp. #89-726

P.I. Sta. 21+45.89 "A"  
Mag Nail, Flush (Set 06/19/2015)

**5** N: 2282408.646  
E: 2861583.088

S.E. Cor. Conc. Pad Gas Meter

Line "A" Arbogast Ave. Colfax St.

Mag Nail Joint Pwp. #91-655

P.O.T. Sta. 29+37.53 "A"  
Mag Nail, Flush (Set 06/19/2015)

**700** N: 2285599.721  
E: 2862431.780

Cut "+" South T.S.S. Bolt

Main St./53rd Ave.

1" Brass Plug 8.50' 90° Az.

App. N.E. Cor., Sec. 2  
1" Iron Pin, 1 1/2" Below Surface (Fnd. 6/19/2015)

**701** N: 2282815.550  
E: 2857100.690

PK Nail 9.10' 310° Az.

Mag Nail Wd. Post 17.49' 350° Az.

Cline Ave. Ave. D

App. N.W. Cor., S.W. 1/4, Sec. 2  
1/4" Iron Pin, 1/2" Below Surface (Fnd. 6/19/2015)

**702** N: 2280177.316  
E: 2857114.615

Bot. Flange S. Most Bolt F-Hyd.

Ave. H Cline Ave.

Mag Nail W. Side Joint Pwp. #97-314

S.W. Side Stop Sn. Post

App. S.W. Cor., Sec. 2  
Brass Plug, Flush (Fnd. 6/19/2015)

**703** N: 2260145.582  
E: 2862442.735

N.R.A.

App. S.E. Cor., Sec. 2  
1 1/2" Brass Plug, Flush (Fnd. 6/19/2015)

FILED

OCT 23 2015

JOHN E. PETALAS  
LAKE COUNTY AUDITOR

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LAKE COUNTY, IN.  
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SIGNATURE: *Mark W. Neal* 10/15/2015  
REGISTERED LAND SURVEYOR DATE

SURVEY STARTED 06/16/2015	STRUCTURE NO. N/A	DES. NO. 1382658
SURVEY COMPLETED 06/19/2015	PROJECT NO. 567100.0401	YEAR SHEET TOTAL 2015 2 2

