2014-016577

STATE OF INDIAS.

LAKE COUNTY
FILED FOR RECORD 2014 MAR 2! AM 10: 50 MICHAEL B. BROWN RECORDER

000297

FILED MAR 2 1 2014 PEGGY HOLINGA KATONA LAKE COUNTY AUDITOR

26 PAGE 06

LOCATION CONTROL ROUTE SURVEY PLAT PROPOSED ILLIANA CORRIDOR, SECTION 10 LAKE COUNTY, INDIANA INDOT DES. NO. 1400325



SURVEY STARTED
12/09/2013
SURVEY COMPLETED
2/27/2014



7260 SHADELAND STATION INDIANAPOLIS, IN 46256-3957 TEL 317.547.5580 FAX 317.543.0270 FIELD SURVEYOR STATEMENT

THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROVISIONS OF 865 I.A.C. 1–12–20 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.



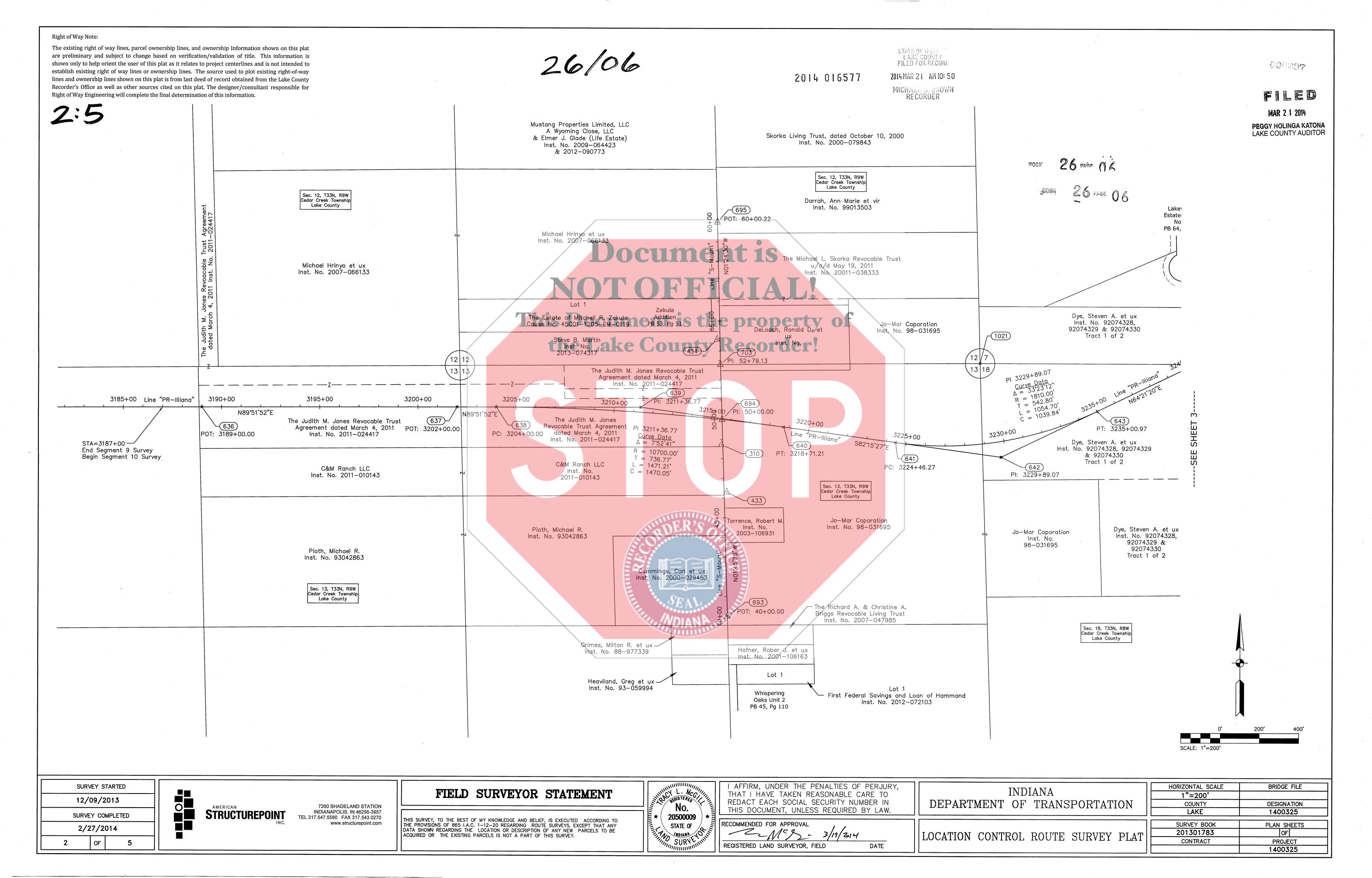
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I AFFIRM, UNDER THE PENALTIES OF PERJURY,	-
THAT I HAVE TAKEN REASONABLE CARE TO	
REDACT EACH SOCIAL SECURITY NUMBER IN	
THIS DOCUMENT, UNLESS REQUIRED BY LAW.	
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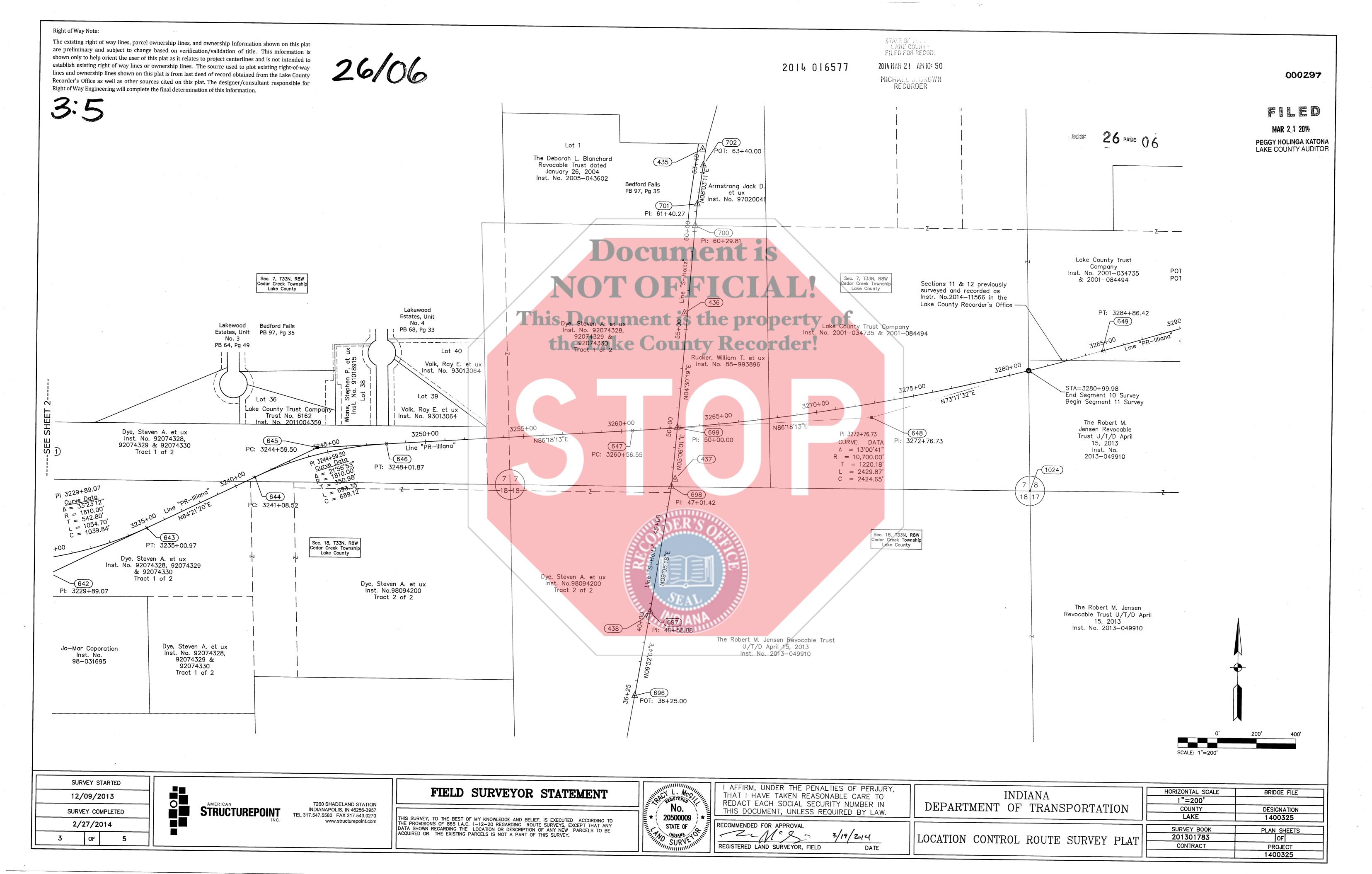
THIS DOCUMENT,	UNLESS	REQUIRED	BY LAW.	
ECOMMENDED FOR APP	PROVAL	3/19/201	4	
REGISTERED LAND SUR	VEYOR, FIEL	_D (DATE	

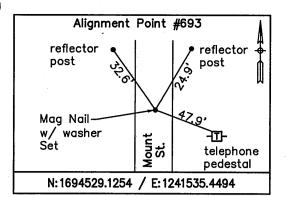
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DEPARTMENT	OF	TRANSPORTATION		-
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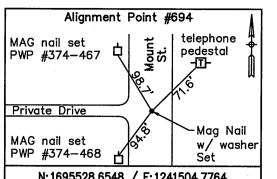
LOCATION CONTROL ROUTE SURVEY PLAT

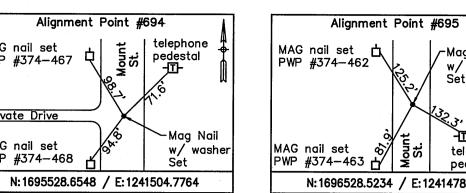
HORIZONTAL SCALE	BRIDGE FILE	
NA		
COUNTY	DESIGNATION	
LAKE	1400325	
SURVEY BOOK	PLAN SHEETS	
201301783	OF	
CONTRACT	PROJECT	
	1400325	

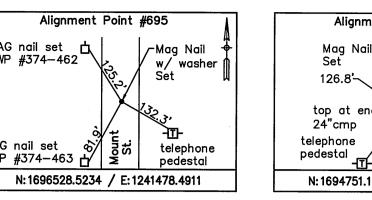


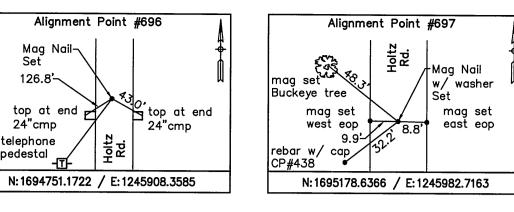


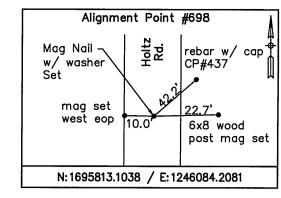


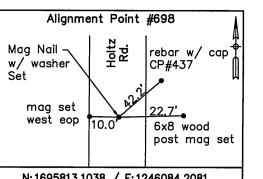


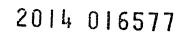














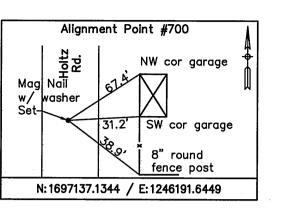
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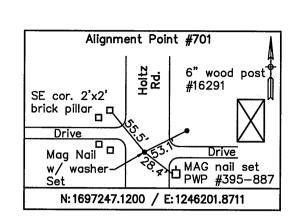
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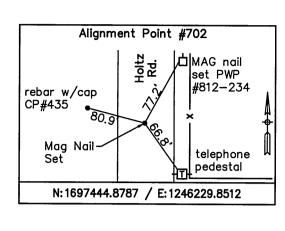
MAR 2 1 2014 PEGGY HOLINGA KATONA LAKE COUNTY AUDITOR

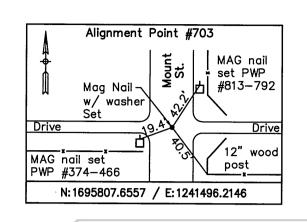
26 PAGE 06

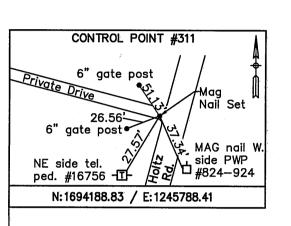
wood bollard w/ washer N: 1696110.5047 / E: 1246110.7522

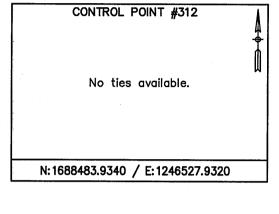












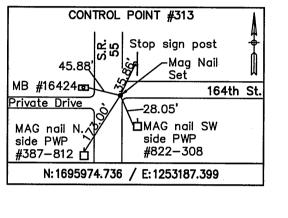
CONTROL POINT #436

N: 1696693.368 / E: 1246140.765

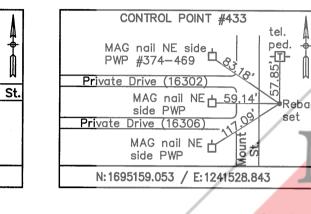
side PWP

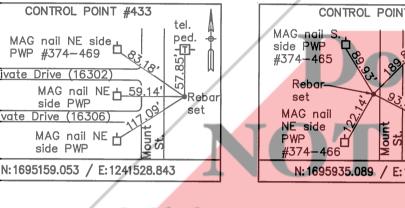
#817-356 curve ahead sign

MAG nail N. side

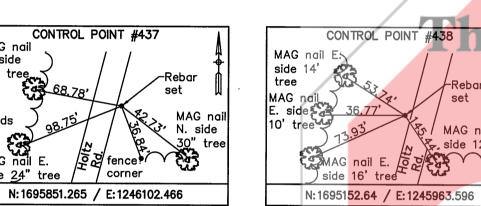


E. side 15" tree











CONTROL POINT #438 his Document is the property of the Lake County Recorder!

SURVEYOR'S REPORT

N: 1697525.631 / E: 1246225.436

Route Survey - Illiana, Section 10 INDOT Des. No. 1400325, R/W Code 5929 American Structurepoint, Inc. Project No. 2013.01783

This route survey was performed to collect data for the design and land acquisition associated with the construction of Interstate Highway Illiana beginning near the west line of the Northeast Quarter of the Southwest Quarter of Section 13, Township 33 North, Range 9 West in Cedar Creek Township, Lake County and in a easterly direction more or less, to the west line of Section 8, Township 33 North, Range 8 West, in Cedar Creek Township, Lake County. The proposed project will affect land in Sections 2, 8, 9, 10, 11, 14 and 17 in said Township 33 North, Range 8 West, Lake County.

ahead N

This Route Survey (Section 10) lies adjacent to the Route Survey Plat for Sections 11 & 12 which is recorded in the Lake County Recorder's Office as Instr. No. 2014-11566.

General Notes:

Unless otherwise noted, all monument reference ties are shown on the route survey plat.

All measurements are in US Survey feet unless otherwise noted. All distances shown on this Location Control Route Survey Plat represent grid measurements.

Should additional USPLS corners be needed where none were found, they should be re-established and tied into this survey.

Field measurements for this survey are in accordance with the specifications outlined in 865 IAC 1-12-22. The significant figures for the measurements and coordinates shown do not indicate the precision of the work but allow for closure and adjustment by others

Field Measurements and Basis of Bearings:

The horizontal control for this route survey is based upon the original control for the Illiana Corridor, which was previously established by prior consultants, which is Illinois State Plane East Zone (NAD 83) 2011. A centralized GPS Base Point "400" was established during the filed survey utilizing an NGS OPUS solution. Secondary GPS Base Points "401, 402, 403 & 404" were located during a Real-time Kinematic GPS survey. Additional control points were then established from the secondary base station points. The Base Points are in general off of the alignment and were not included in the

The Relative Positional Accuracy (due to random errors of measurement) of this survey is within that allowable for a Route Survey (0.07 feet plus 50 ppm) as defined in 865 IAC

The linear conversion definition used is 3,937 feet = 1,200 meters (meters to U.S. Survey

Alignments:

Main Line:

Line "PR Illiana" was provided to the surveyor by the design engineer. The Illiana project consists of 12 separate sections, with the Indiana portion of the project being four (4) separate sections, known as 9, 10, 11 & 12. This route plat encompasses the area referred to as "Section 10", Station 3187+00.00 "PR Illiana" to 3280+99.98 "PR Illiana".

Line "S-Mount" was established along the section line as shown and monumented

Line "S-Holtz" was established along the existing centerline of Holtz Road as shown and monumented hereon.



ALIGNMENT POINT LISTING

Line PR-Illiana	,			
Point	Northing	Easting	Description	STA
636	1695584.6063	1238852.3276	capped rebar to be set	POT 3189+00.00
637	1695587.6826	1240152.3240	capped rebar to be set	POT 3202+00.00
638	1695588.1559	1240352.3268	capped rebar to be set	PC 3204+00.00
639	1695589.8994	1241089.0913	capped rebar to be set	PI 3211+36.77
694	1605520 6540	1241504 7764		PI 50+00.00 LINE "S-MOUNT" POC
694	1695528.6548	1241504.7764	mag nail with washer	3215+54.55 LINE "PR-ILLIANA"
640	1695490.6429	1241819.1414	capped rebar to be set	PT 3218+71.21
641	1695413.1720	1242388.9540	capped rebar to be set	PC 3224+46.27
642	1695340.0469	1242926.8031	capped rebar to be set	PI 3229+89.07
643	1695574.9606	1243416.1338	capped rebar to be set	PT 3235+00.97
644	1695837.8995	1243963.8414	capped rebar to be set	PC 3241+08.52
645	1695989.7962	1244280.2455	capped rebar to be set	PC 3244+59.50
646	1696012.4231	1244630.4914	capped rebar to be set	PT 3248.0187
647	1696093.3108	1245882.5620	capped rebar to be set	PC 3260+56.55
699	1696110.5047	1246110 7522	mag nail with weak an	PI 50+00.00 LINE "S-HOLTZ" POC
099	1696110.5047	1246110.7522	mag nail with washer	3262+85.39 LINE "PR-ILLIANA"
648	1696171.9742	1247100.2042	capped rebar to be set	PI 3272+76.73
Line S-Mount				
Point	Northing	Easting	Description	STA
693	1694529.1254	1241535.4494	mag nail with washer	POT 40+00.00
694	1695528.6548	1241504.7764		PI 50+00.00 LINE "S-MOUNT" POC
094	1095526.0548	1241504.7764	mag nail with washer	3215+54.55 LINE "PR-ILLIANA"
703	1695807.6557	1241496.2146	mag nail with washer	PI 52+79.13
695	1696528.5234	1241478.4911	mag nail with washer	POT 60+00.22
Line S-Holtz				
Point	Northing	Easting	Description	STA
696	1694751.1722	1245908.3585	mag nail set	POT 36+25.00
697	1695178.6366	1245982.7163	mag nail with washer	PI 40+58.88
698	1695813.1038	1246084.2081	mag nail with washer	PI 47+01.42
699	1696110.5047 1246110.7522	1246110 7522		PI 50+00.00 LINE "S-HOLTZ" POC
033	1030110:2047	1246110.7522	mag nail with washer	3262+85.39 LINE "PR-ILLIANA"
700	1697137.1344	1246191.6449	mag nail with washer	PI 60+29.81
701	1697247.1200	1246201.8711	mag nail with washer	PI 61+40.27
702	1697444.8787	1246229.8512	mag nail set	POT 63+40.00

SURVEY STARTED 12/09/2013 SURVEY COMPLETED

2/27/2014

OF

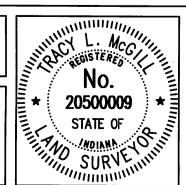


7260 SHADELAND STATION INDIANAPOLIS, IN 46256-3957 TEL 317.547.5580 FAX 317.543.0270

www.structurepoint.com

FIELD SURVEYOR STATEMENT

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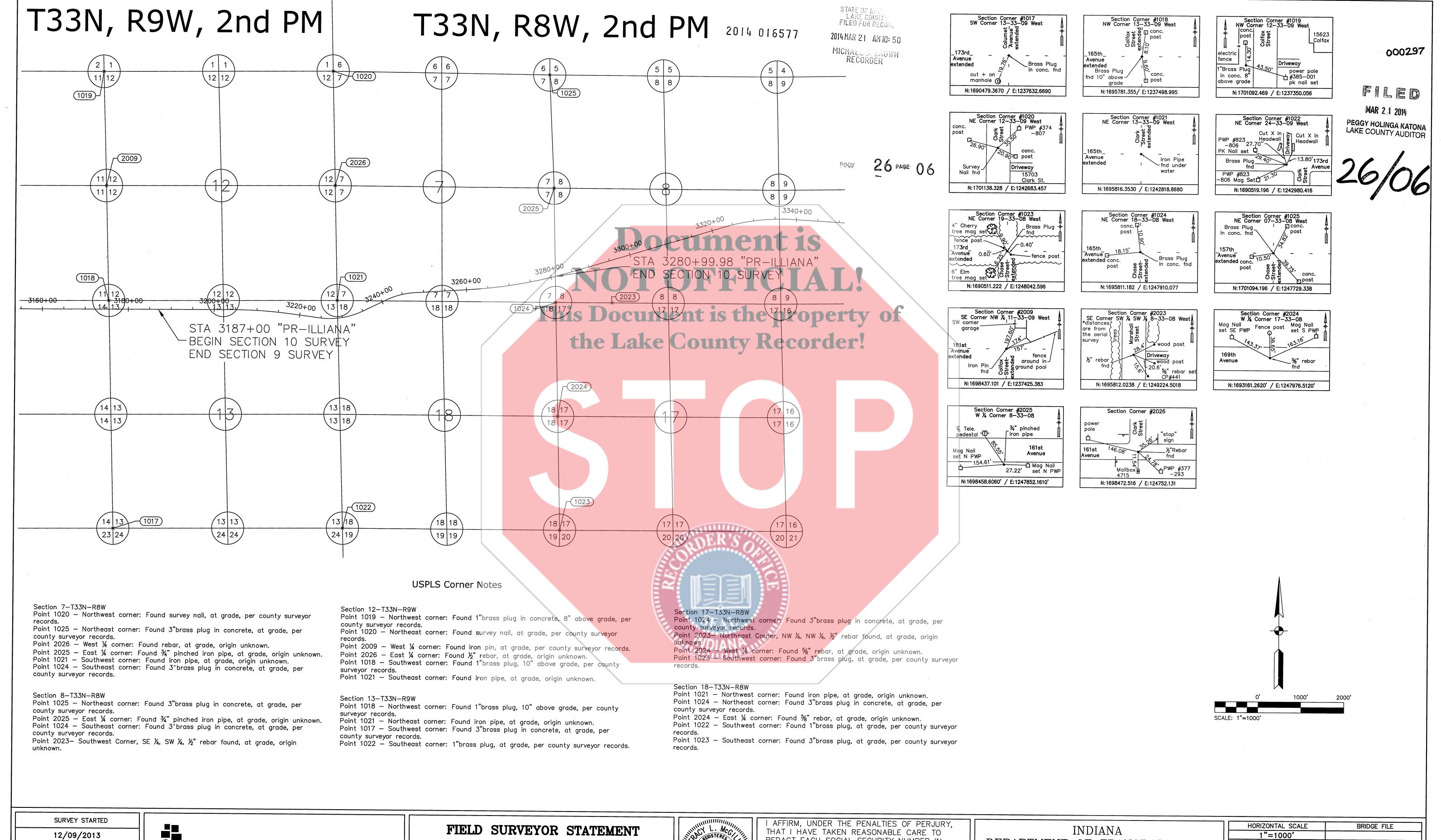
RECOMMENDED FOR APPROVAL -ZeMeso REGISTERED LAND SURVEYOR, FIELD

3/19/2014	
DATE	

INDIANA			
DEPARTMENT	OF	TRANSPORTATION	

LOCATION CONTROL ROUTE SURVEY

HORIZONTAL SCALE	BRIDGE FILE
COUNTY	DESIGNATION
LAKE	1400325
SURVEY BOOK	PLAN SHEETS
201301783	OF OF
CONTRACT	PROJECT
	1400325

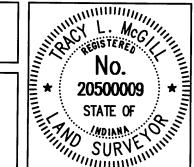


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2,			
5	OF	5	



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RECOMMENDED FOR APPROVAL	
Z Mc &s	3/19/214
REGISTERED LAND SURVEYOR, FIELD	DATE

INDIANA		
DEPARTMENT	OF	TRANSPORTATION

LOCATION CONTROL ROUTE SURVEY PLAT

1"=1000'	
COUNTY	DESIGNATION
LAKE	1400325
SURVEY BOOK	PLAN SHEETS
201301783	OF
CONTRACT	PROJECT
	1400325