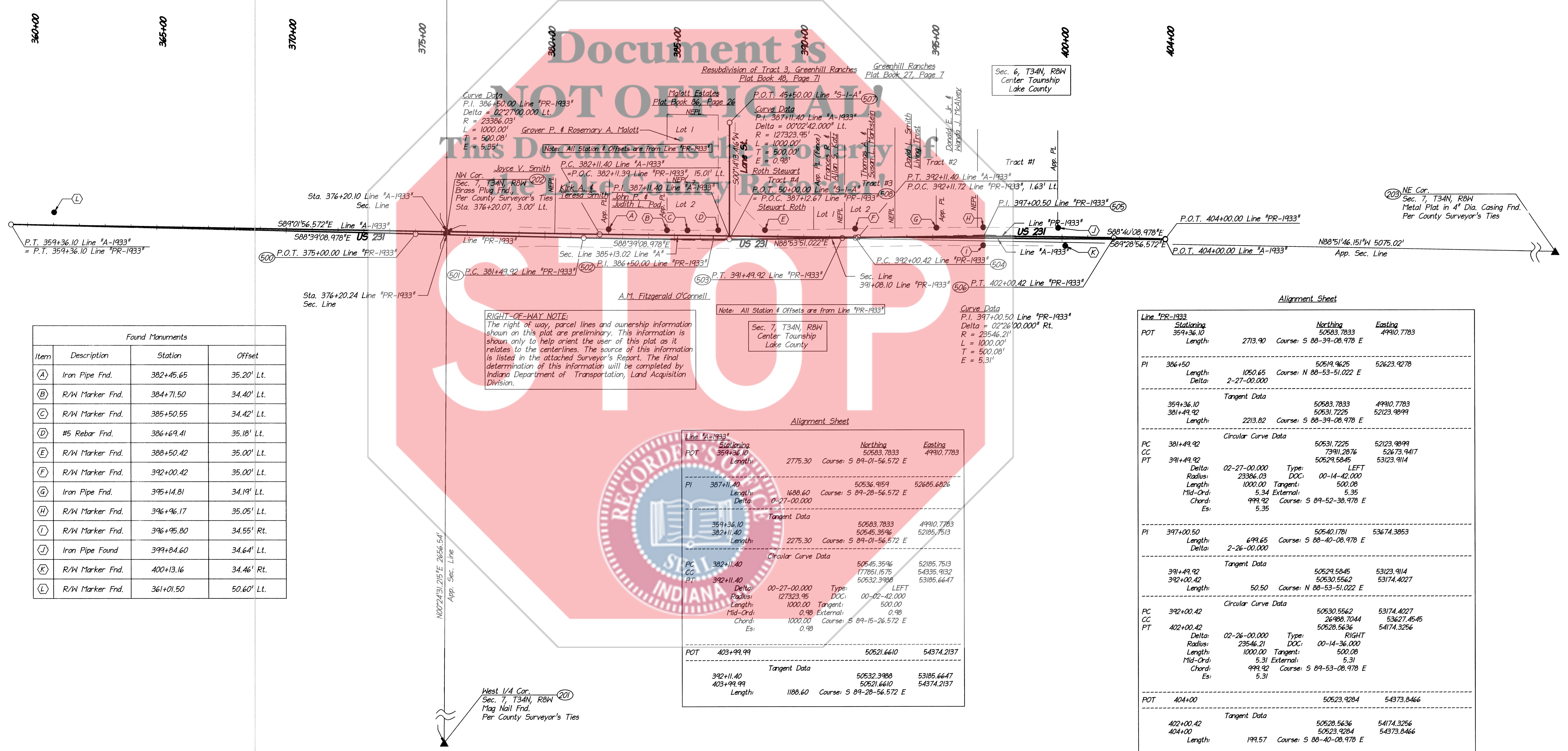
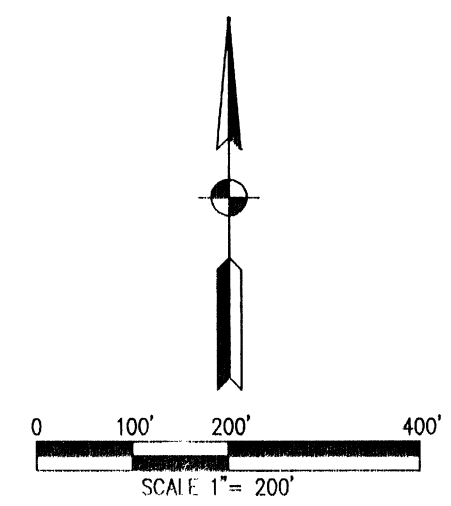


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 2004 039636  
 BOOK 11 PAGE 27  
 2004-039636  
 2004 MAY 13 PI

STATE OF INDIANA  
 LAKE COUNTY  
 FILED FOR RECORD  
 MAY 13 2004  
 RECORDS

**FILED**  
 MAY 13 2004  
 STEPHEN R. STIGLICH  
 LAKE COUNTY AUDITOR



Found Monuments			
Item	Description	Station	Offset
(A)	Iron Pipe Fnd.	382+45.65	35.20' Lt.
(B)	R/W Marker Fnd.	384+71.50	34.40' Lt.
(C)	R/W Marker Fnd.	385+50.55	34.42' Lt.
(D)	#5 Rebar Fnd.	386+69.41	35.18' Lt.
(E)	R/W Marker Fnd.	388+50.42	35.00' Lt.
(F)	R/W Marker Fnd.	392+00.42	35.00' Lt.
(G)	Iron Pipe Fnd.	395+14.81	34.19' Lt.
(H)	R/W Marker Fnd.	396+96.17	35.05' Lt.
(I)	R/W Marker Fnd.	396+95.80	34.55' Rt.
(J)	Iron Pipe Found	399+84.60	34.64' Lt.
(K)	R/W Marker Fnd.	400+13.16	34.46' Rt.
(L)	R/W Marker Fnd.	361+01.50	50.60' Lt.

**RIGHT-OF-WAY NOTE:**  
 The right of way, parcel lines and ownership information shown on this plat are preliminary. This information is shown only to help orient the user of this plat as it relates to the centerlines. The source of this information is listed in the attached Surveyor's Report. The final determination of this information will be completed by Indiana Department of Transportation, Land Acquisition Division.

Alignment Sheet

Line "PR-1933"	Stationing	Northing	Easting
POT	359+36.10	50583.7833	49910.7783
Length:	2775.30	Course: S 89-01-56.572 E	
PI	387+11.40	50536.9154	52685.6826
Length:	1688.60	Course: S 89-28-56.572 E	
Delta:	0-27-00.000		
Tangent Data			
359+36.10	50583.7833	49910.7783	
387+11.40	50545.3596	52185.7513	
Length:	2275.30	Course: S 89-01-56.572 E	
PC	382+11.40	50545.3596	52185.7513
CC	382+11.40	50532.3908	53185.6647
PT	392+11.40	50532.3908	53185.6647
Delta:	00-27-00.000	Type: LEFT	
Radius:	127323.95	DOC: 00-02-42.000	
Length:	1000.00	Tangent: 500.00	
Mid-Ord:	0.98	External: 0.98	
Chord:	1000.00	Course: S 89-15-26.572 E	
Es:	0.98		
POT	403+99.99	50521.6610	54374.2197
Tangent Data			
392+11.40	50532.3908	53185.6647	
403+99.99	50521.6610	54374.2197	
Length:	1188.60	Course: S 89-28-56.572 E	

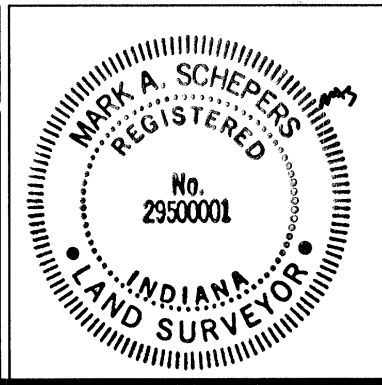
Alignment Sheet

Line "PR-1933"	Stationing	Northing	Easting
POT	359+36.10	50583.7833	49910.7783
Length:	2775.30	Course: S 88-39-08.978 E	
PI	386+50	50519.8625	52623.9278
Length:	1050.65	Course: N 88-53-51.022 E	
Delta:	2-27-00.000		
Tangent Data			
359+36.10	50583.7833	49910.7783	
381+49.92	50531.7225	52123.9899	
Length:	2213.82	Course: S 88-39-08.978 E	
PC	381+49.92	50531.7225	52123.9899
CC	381+49.92	50529.5845	52673.9417
PT	391+49.92	50529.5845	53123.9114
Delta:	02-27-00.000	Type: LEFT	
Radius:	23386.03	DOC: 00-14-42.000	
Length:	1000.00	Tangent: 500.00	
Mid-Ord:	5.34	External: 5.35	
Chord:	999.92	Course: S 89-52-38.978 E	
Es:	5.35		
PI	397+00.50	50540.1781	53674.3853
Length:	699.65	Course: S 88-40-08.978 E	
Delta:	2-26-00.000		
Tangent Data			
391+49.92	50529.5845	53123.9114	
392+00.42	50530.5562	53174.4027	
Length:	50.50	Course: N 88-53-51.022 E	
PC	392+00.42	50530.5562	53174.4027
CC	392+00.42	50528.7044	53627.4545
PT	402+00.42	50528.5636	54174.3256
Delta:	02-26-00.000	Type: RIGHT	
Radius:	23546.21	DOC: 00-14-36.000	
Length:	1000.00	Tangent: 500.00	
Mid-Ord:	5.31	External: 5.31	
Chord:	999.92	Course: S 89-53-08.978 E	
Es:	5.31		
POT	404+00	50523.9284	54373.8466
Tangent Data			
402+00.42	50528.5636	54174.3256	
404+00	50523.9284	54373.8466	
Length:	199.57	Course: S 88-40-08.978 E	

DATE	3/24/04
DATE	4/21/04
ROUTE PLAT SHEETS	1 OF 3

**SURVEYOR STATEMENT**

THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROVISIONS OF TITLE 865 I.A.C. 1-12-20 THROUGH 1-12-26 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.



**USI CONSULTANTS, INC.**  
 8415 EAST 56TH STREET  
 INDIANAPOLIS, IN 46216  
 (317)544-4996

RECOMMENDED FOR APPROVAL

SIGNATURE: *Mark A. Schepers* DATE: 5-10-04  
 MARK A. SCHEPERS, PLS DATE

INDIANA  
 DEPARTMENT OF TRANSPORTATION

LOCATION CONTROL ROUTE SURVEY

HORIZONTAL SCALE	BRIDGE FILE
1"=200'	
COUNTY	DESIGNATION
Lake	0100477
SURVEY BOOK	PLAN SHEETS
	OF
CONTRACT	PROJECT
	STP-5345 ( )

2004 039636

2004 MAY 13 PM 04:53

BOOK 11 PAGE 27

MORRIS W. WOOTER  
RECORDER

2004-039636  
2004 MAY 13 P2

FILED

MAY 13 2004

STEPHEN R. STIGLICH  
LAKE COUNTY AUDITOR

SW Cor.  
Sec. 7, T34N, R8W  
Bronze Disk in Concrete  
Per County Surveyor's Ties

West 1/4 Cor.  
Sec. 7, T34N, R8W  
Mag Nail Fnd.  
Per County Surveyor's Ties

NW Cor.  
Sec. 7, T34N, R8W  
Brass Plug Fnd.,  
Per County Surveyor's Ties  
Sta. 376+20.07, 3.00' Lt.

West 1/4 Cor.  
Sec. 6, T34N, R8W  
Capped Rebar Fnd., inscribed  
"Severs 10298"  
Per County Surveyor's Ties

Center of Section  
Sec. 6, T34N, R8W  
Square Headed Road Nail Fnd.,  
Per County Surveyor's Ties

SE Cor.  
Sec. 7, T34N, R8W  
Brass Plug Fnd.,  
Per County Surveyor's Ties

East 1/4 Cor.  
Sec. 7, T34N, R8W  
2" Dia. Pipe Fnd.,  
Per County Surveyor's Ties

NE Cor.  
Sec. 7, T34N, R8W  
Metal Plat in 4" Dia. Casing Fnd.  
Per County Surveyor's Ties

East 1/4 Cor.  
Sec. 6, T34N, R8W  
Mag Nail Fnd.,  
Per County Surveyor's Ties

N00°25'11.561"E 2654.68'  
App. Sec. Line

N00°24'31.215"E 2656.54'  
App. Sec. Line

N00°09'05.506"E 2654.38'  
App. Sec. Line

N89°54'56.421"W 5061.57'  
App. Sec. Line

US 231  
Line "PR-1083"

US 231  
Line "PR-1083"

N89°51'46.151"W 5075.02'  
App. Sec. Line

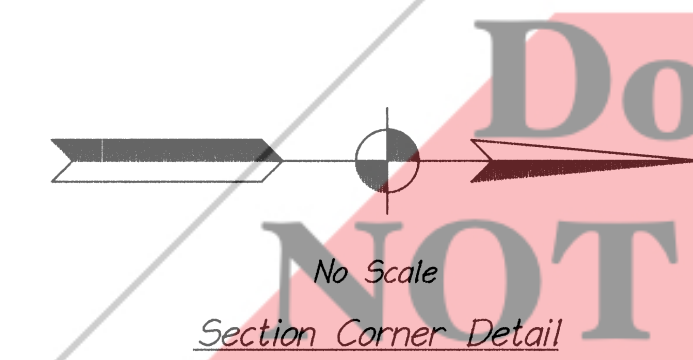
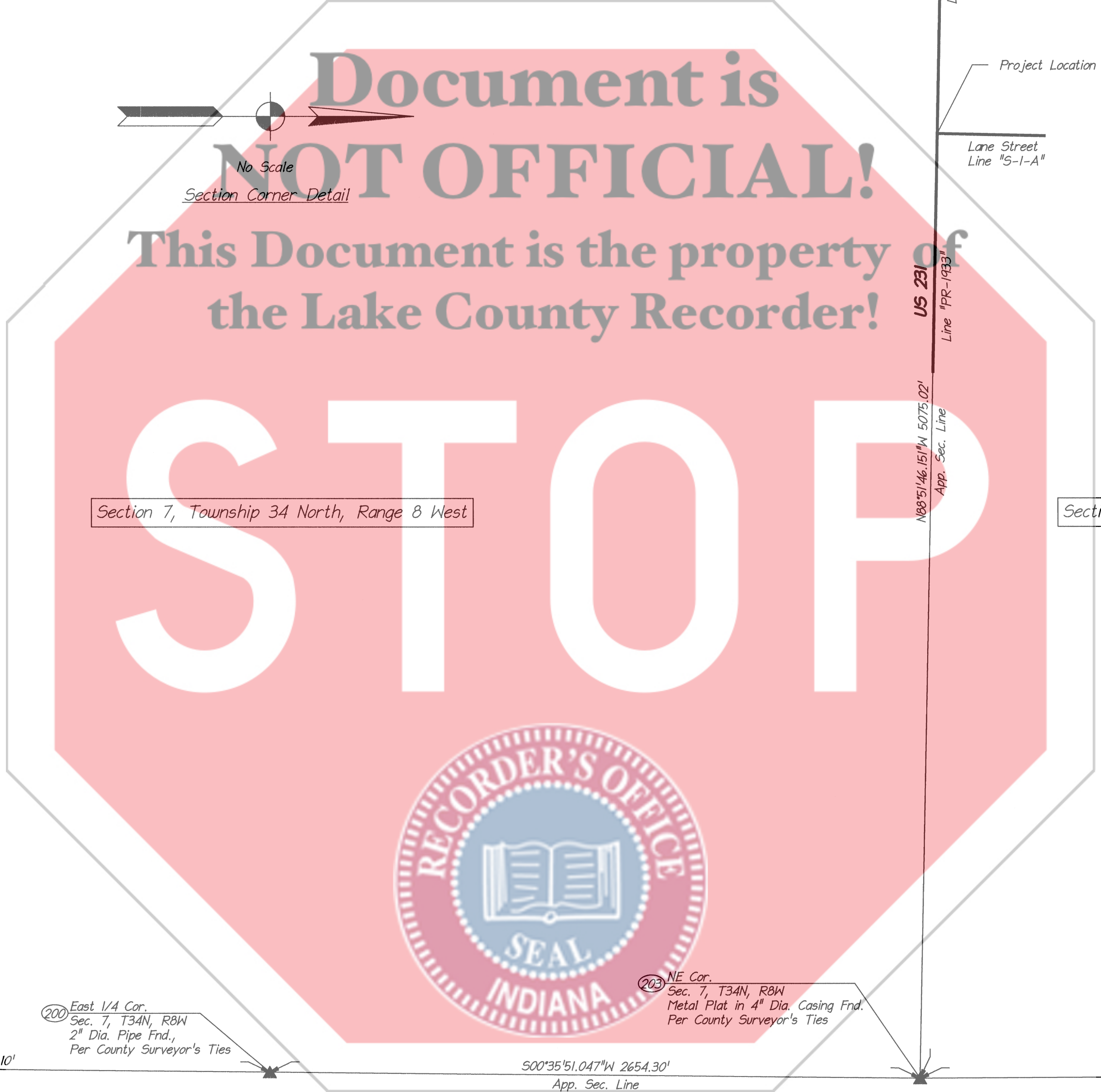
S89°40'43.949"E 2412.63'  
App. 1/4 Sec. Line

S89°01'56.614"E 2639.64'  
App. 1/4 Sec. Line

N00°31'12.203"E 2652.10'  
App. Sec. Line

S00°35'51.047"W 2654.30'  
App. Sec. Line

S00°20'22.865"E 2654.94'  
App. Sec. Line



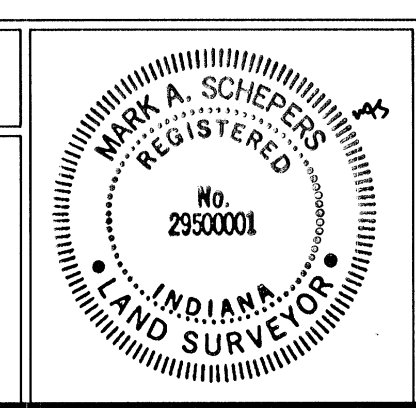
Section 7, Township 34 North, Range 8 West

Section 6, Township 34 North, Range 8 West

SURVEY STARTED		
3/24/04		
SURVEY COMPLETED		
4/21/04		
ROUTE PLAT SHEETS		
2	OF	3

SURVEYOR STATEMENT

THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROVISIONS OF TITLE 865 I.A.C. 1-12-20 THROUGH 1-12-26 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.



USI CONSULTANTS, INC.  
8415 EAST 56TH STREET  
INDIANAPOLIS, IN 46216  
(317)544-4996

RECOMMENDED FOR APPROVAL

SIGNATURE: *Mark A. Schepers* DATE: 5-10-04  
MARK A. SCHEPERS, PLS DATE

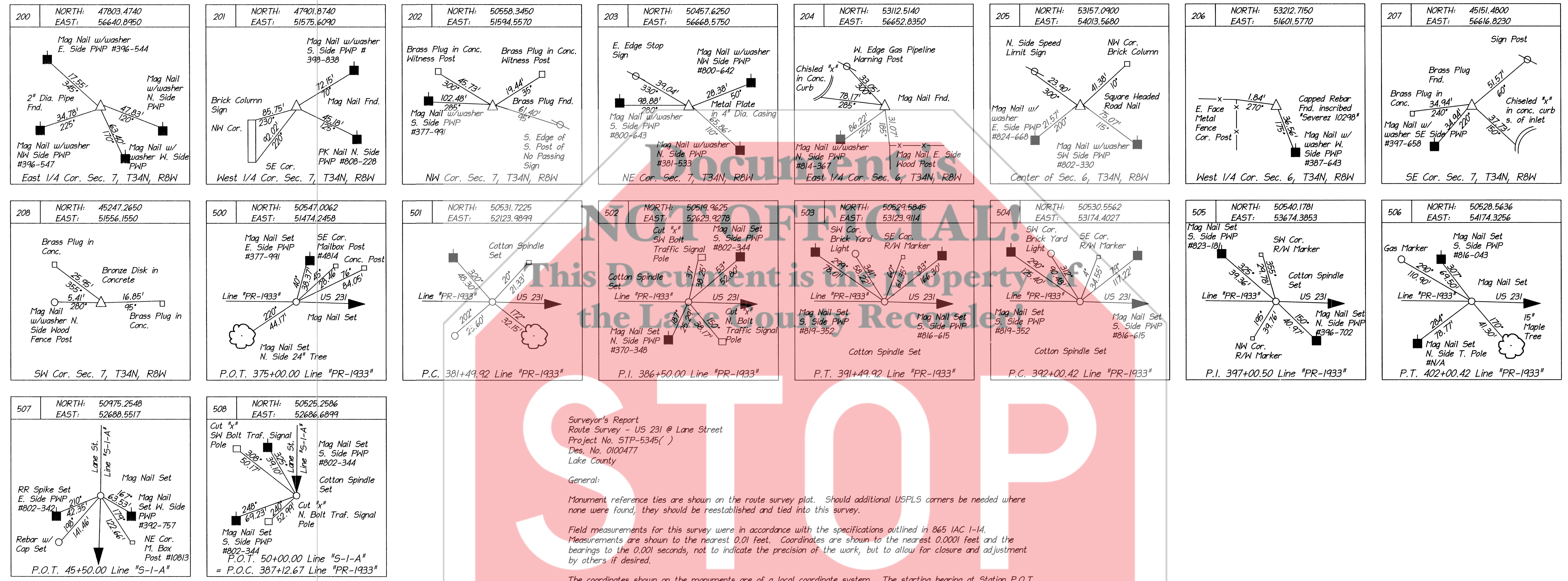
INDIANA  
DEPARTMENT OF TRANSPORTATION

LOCATION CONTROL ROUTE SURVEY

HORIZONTAL SCALE	BRIDGE FILE
1"=200'	
COUNTY	DESIGNATION
Lake	0100477
SURVEY BOOK	PLAN SHEETS
	OF
CONTRACT	PROJECT
	STP-5345 ( )

2004 039636  
11-27  
2004-039636  
2004 MAY 13 P3

FILED  
MAY 13 2004  
STEPHEN R. STIGLICH  
LAKE COUNTY AUDITOR



STOP

Surveyor's Report  
Route Survey - US 231 @ Lane Street  
Project No. STP-5345 ( )  
Des. No. 0100477  
Lake County

General:  
Monument reference ties are shown on the route survey plat. Should additional USPLS corners be needed where none were found, they should be reestablished and tied into this survey.

Field measurements for this survey were in accordance with the specifications outlined in 865 IAC 1-4. Measurements are shown to the nearest 0.01 feet. Coordinates are shown to the nearest 0.0001 feet and the bearings to the 0.001 seconds, not to indicate the precision of the work, but to allow for closure and adjustment by others if desired.

The coordinates shown on the monuments are of a local coordinate system. The starting bearing at Station P.O.T. 354+36.10 Line "PR-1933" being South 88 degrees 39 minutes 08.978 seconds East, based on grid north per GPS observations.

The alignment of Line "A-1933" (US 231) was determined by holding a brass plug found at the Northwest corner of section 7, Township 34 North, Range 6 West at Station P.O.T. 376+20.1, 3.0 feet left of Line "A-1933" per INDOT Project No. E332 plans dated 1933 and by holding a #5 Rebar found near Station 386+70, 22.0 feet left of said line per said INDOT plans for the alignment of Line "A-1933". Other physical evidence was used to check this alignment (See plat for physical evidence). The stationing of Line "A-1933" was determined by holding the station P.O.T. 376+20.1 at a point three feet right of said section corner.

The alignment of Line "PR-1933" (US 231) was determined by holding a right of way marker found near station 392+00.50, 35.0 feet left of said alignment. The alignment was aligned to fit the said right of way marker and Station P.T. 359+36.10 per said INDOT plans and per Line "A-1933" alignment. The stationing of Line "PR-1933" was determined by holding the Equation of P.T. 359+36.10 Line "A-1933" = P.T. 359+36.10 Line "PR-1933" per said INDOT plans and held per the determination of Line "A-1933".


The alignment of Line "PR-1933" was checked by digging up the original 1933 concrete centerline joint in the tangent to the west of Station 380+00.00 and to the east of Station 395+00.00. Two centerline joints were found to the west of Station 380+00 and two centerline joints were found to the east of Station 395+00. These centerline joint locations checked within 0.05 feet of the determined Line "PR-1933".

The alignment of Line "S-1-A" (Lane Street) was determined by splitting the existing pavement along Lane Street. The stationing was determined by assuming 50+00.00 at the intersection of Line "PR-1933".

The existing right of way for US 231 & Lane Street was determined per INDOT Project No. E332 plans, dated 1933.

Lake County didn't have any information for the existing right of way of Lane Street per USI Consultants deed research and per the Lake County Engineers Office.

The uncertainty for monuments and for all section and quarter section corners used as a part of this survey are as follows:  
Section Corners: See references (200-208): Estimated uncertainty of these points 1.00 feet more or less.  
Alignment Points: See references (500-508): Estimated uncertainty of these points is 0.05 feet more or less.

SURVEY STARTED 3/24/04		SURVEY COMPLETED 4/21/04		ROUTE PLAT SHEETS 3 OF 3		SURVEYOR STATEMENT THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROVISIONS OF TITLE 865 I.A.C. 1-12-20 THROUGH 1-12-26 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.				USI CONSULTANTS, INC. 8415 EAST 56TH STREET INDIANAPOLIS, IN 46216 (317)544-4996 RECOMMENDED FOR APPROVAL SIGNATURE: <i>Mark A. Schepers</i> DATE: 5-10-04 MARK A. SCHEPERS, PLS DATE		INDIANA DEPARTMENT OF TRANSPORTATION LOCATION CONTROL ROUTE SURVEY		HORIZONTAL SCALE 1"=200' COUNTY Lake SURVEY BOOK PLAN SHEETS OF CONTRACT PROJECT STP-5345 ( )	
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