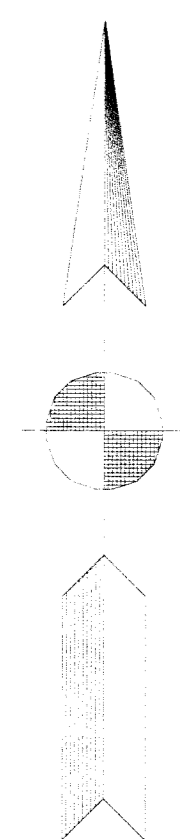


3
35
1:3

POINT NUMBER	STATION	OFFSET	DESCRIPTION
060	105+47.33	136.337' LT.	1" IRON PIPE DOWN 4"
061	107+39.32	407.417' LT.	1" IRON PIPE DOWN 4"
062	107+15.88	462.327' LT.	1" IRON PIPE DOWN 4"
063	106+87.95	516.194' LT.	1" IRON PIPE DOWN 4"
069	106+65.72	572.251' LT.	1" IRON PIPE DOWN 4"
070	106+52.77	635.768' LT.	1" IRON PIPE DOWN 4"

BOOK 30-84



PROPERTY OWNERS

- A DOWNEY REALTY, LLC
- B GBS KOUTS, INC
- C LTV STEEL EMPLOYEES FEDERAL CREDIT UNION
- D Y, S, & T FED EMPLOYEES CREDIT UNION
- E RAMONA P. MALAVE
- F ARNULFO C. PEREZ
- G MANUEL B & GUILLERMINA BOLANOS
- H JUAN RUBEN & JUANITA MONTANTES
- I TICA PROPERTIES NORTH, LLC.
- J CITY OF EAST CHICAGO
- K RUTHIE M SKINNER
- L JOSE ORACIO MARRUFO
- M DAVID & MILKA ACAMOVIC
- N BERTHA JUAREZ
- O JOSE & MARIA ANDRADE
- P LUGENE MORGAN
- Q COMER FAMILY TRUST

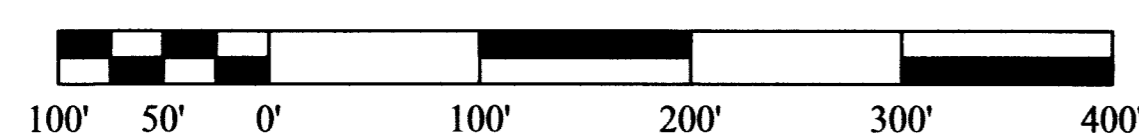
FILED
DEC 11 2017
JOHN E. PETALAS
LAKE COUNTY AUDITOR



30/84

RIGHT OF WAY NOTE:

THE EXISTING RIGHT OF WAY LINES, PARCEL OWNERSHIP LINES, AND OWNERSHIP INFORMATION SHOWN ON THIS PLAT ARE PRELIMINARY AND SUBJECT TO CHANGE BASED ON VERIFICATION/VALIDATION OF TITLE. THIS INFORMATION IS SHOWN ONLY TO HELP ORIENT THE USER OF THIS PLAT AS IT RELATES TO PROJECT CENTERLINES AND IS NOT INTENDED TO ESTABLISH EXISTING RIGHT OF WAY LINES OR OWNERSHIP LINES. THE SOURCE USED TO PLOT EXISTING RIGHT OF WAY LINES AND OWNERSHIP LINES SHOWN ON THIS PLAT IS FROM LAST DEED OF RECORD OBTAINED FROM COUNTY RECORDER'S OFFICE AS WELL AS OTHER SOURCES CITED ON THIS PLAT. THE DESIGNER/CONSULTANT RESPONSIBLE FOR RIGHT OF WAY ENGINEERING WILL COMPLETE THE FINAL DETERMINATION OF THIS INFORMATION.



SCALE: 1" = 100'

NOTE: "SURVEY STARTED" DATE AND "SURVEY COMPLETED" DATE SHOWN BELOW INDICATE DATE OF FIRST FIELD WORK AND DATE OF LAST FIELD WORK, RESPECTFULLY. THIS DOES NOT REPRESENT A CONTINUOUS TIME SPAN OF WORK FOR THIS PROJECT; FIELD WORK WAS STOPPED AND RE-STARTED AS NECESSARY DUE TO WORK ON VARIOUS OTHER PROJECTS.

2017-083505

<p>SURVEY STARTED OCTOBER 2, 2017</p> <p>SURVEY COMPLETED OCTOBER 25, 2017</p> <p>ROUTE PLAT SHEETS 1 of 3</p>	<p>LCRS REVISION NOTES: 11-21-17 ADDED THE CONTRACT NUMBER TO THE SHEETS CORRECTED THE DESIGNATION NUMBER AND PROJECT NUMBER ON SHEET 1 REVISED THE ARCELORMITTAL PARCEL LINES</p> <p>12-1-17 CORRECTED STATION LABELS FOR POINTS 103, 106, 114, AND EQUATION POINT REVISED SURVEYOR'S REPORT REVISED TITLE BLOCK</p>	<p>FIELD SURVEYOR STATEMENT</p> <p>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.</p>	<p>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.</p> <p>RECOMMENDED FOR APPROVAL</p> <p><i>Hisham Khalid</i> REGISTERED LAND SURVEYOR, FIELD</p> <p>11-6-17 DATE</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>LOCATION CONTROL ROUTE SURVEY</p>	<p>HORIZONTAL SCALE 1:100</p> <p>COUNTY LAKE</p> <p>SURVEY BOOK B-36677</p> <p>BRIDGE FILE DESIGNATION 1298398</p> <p>SHEETS 1 of 3</p> <p>PROJECT 1298398</p>
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2:3

2017 083505

STATE OF INDIANA
LAKE COUNTY
FILED FOR RECORDER

2017 DEC 11 AM 9:44
MICHAEL B. BROWN
RECORDER

REFERENCE POINT LOCAL GROUND COORDINATE TABLE (UNITS ARE U.S. SURVEY FEET)

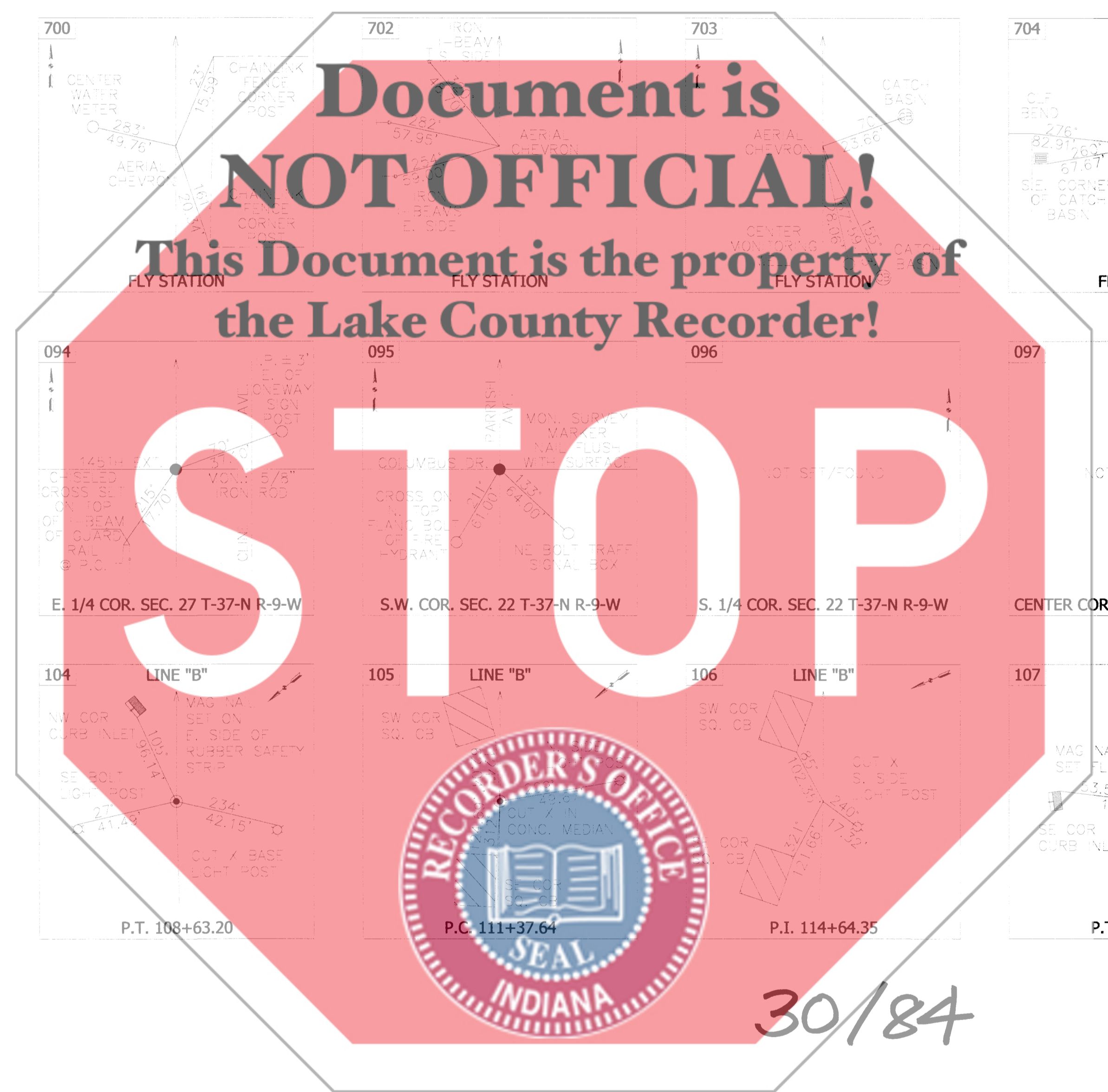
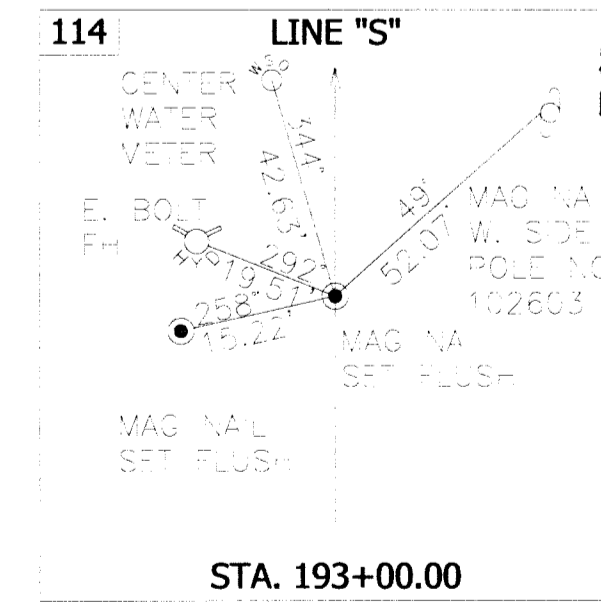
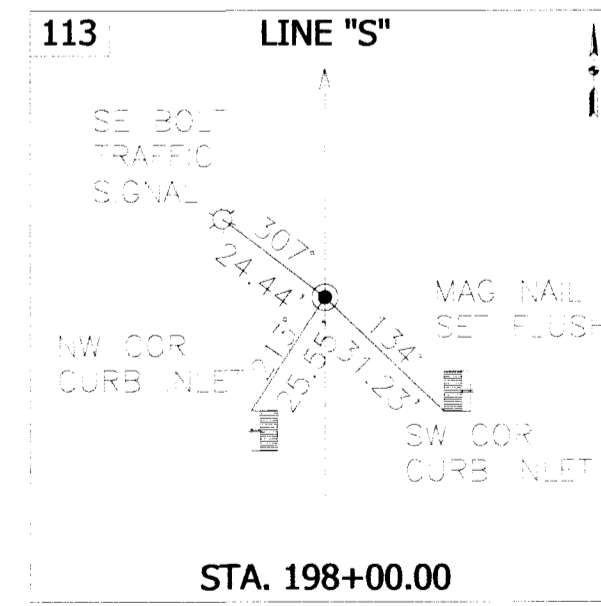
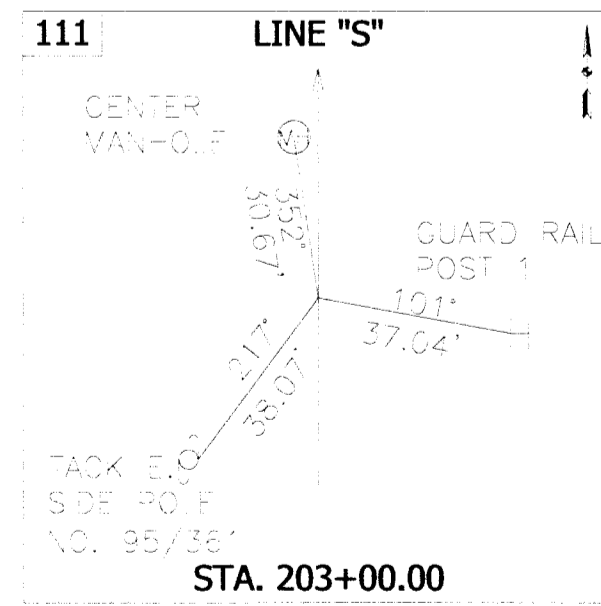
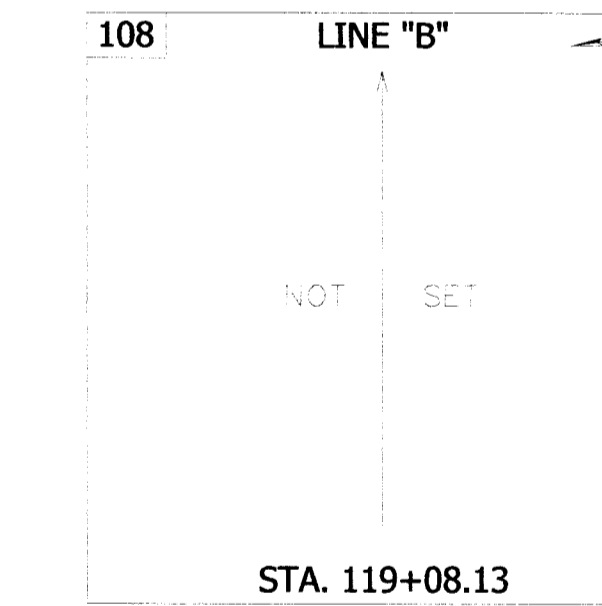
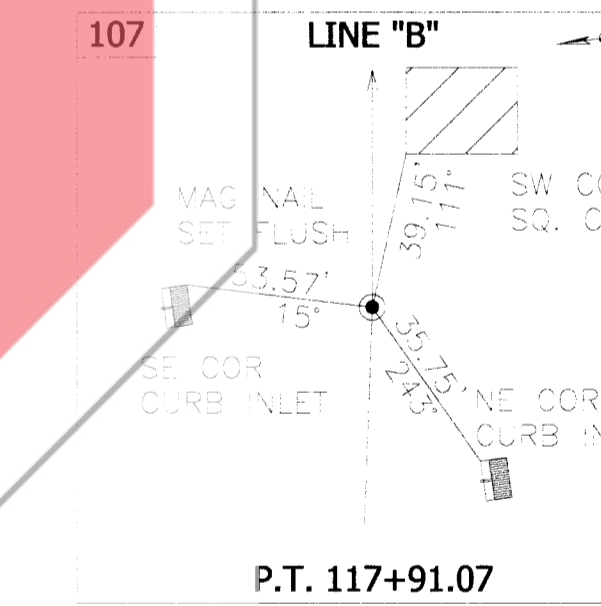
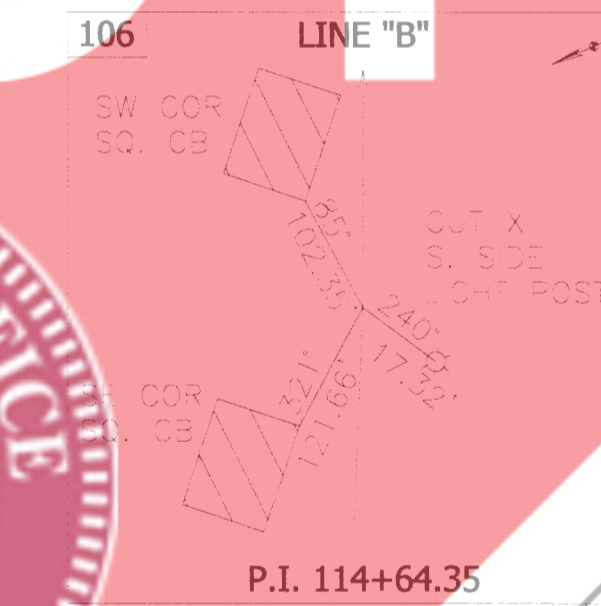
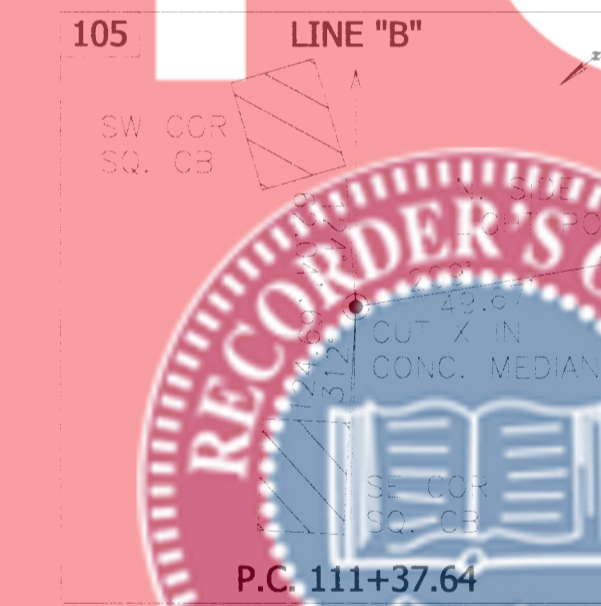
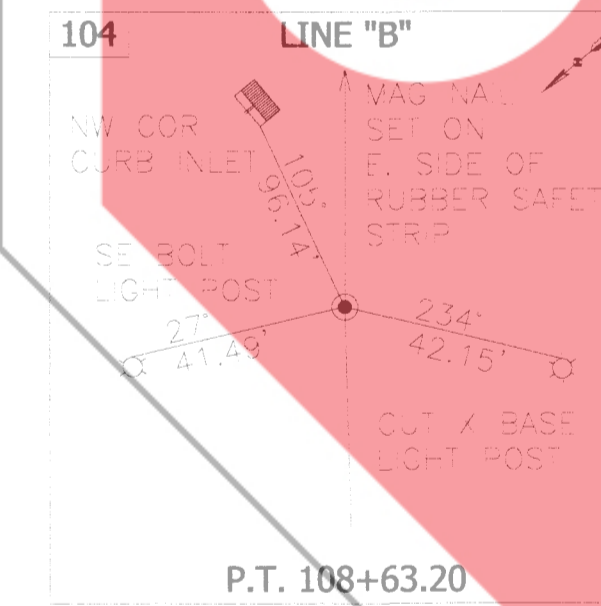
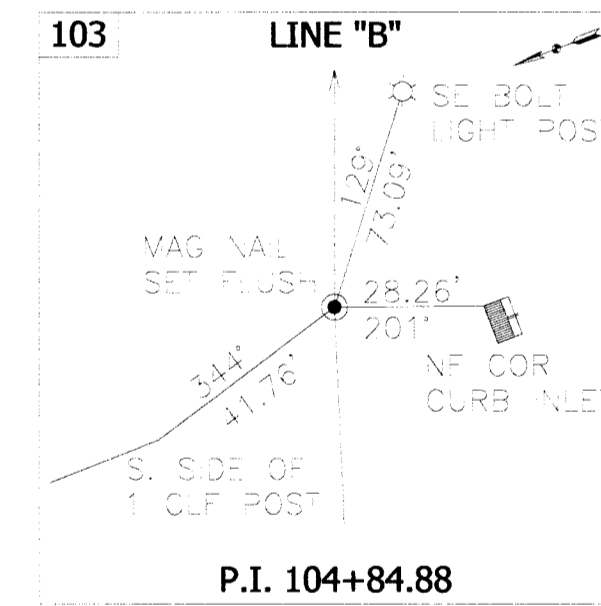
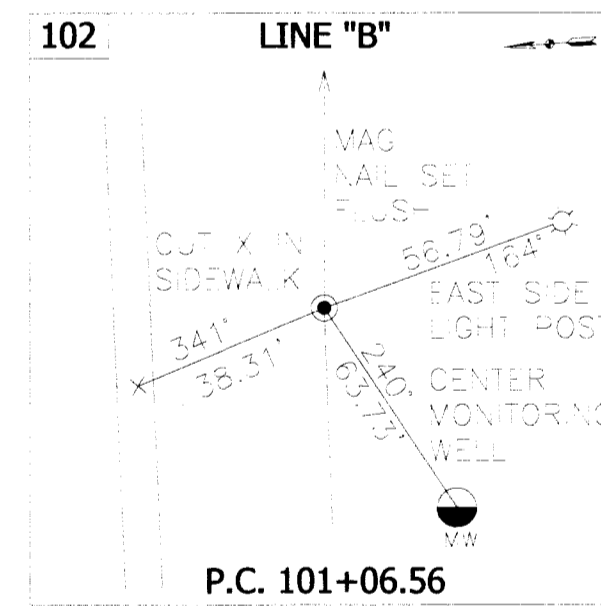
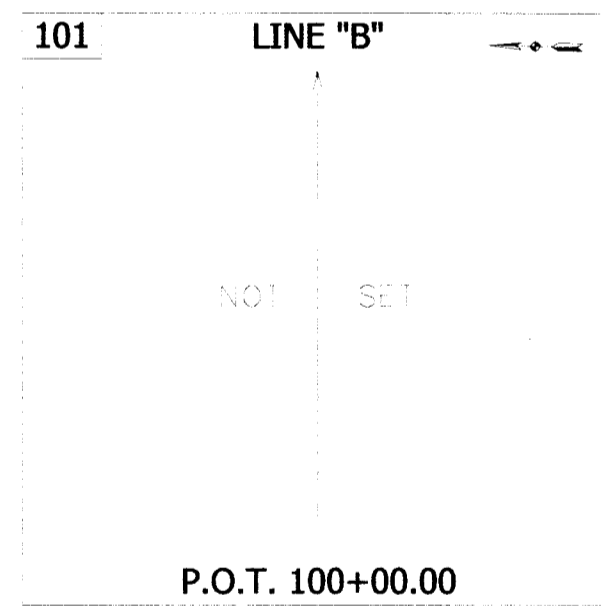
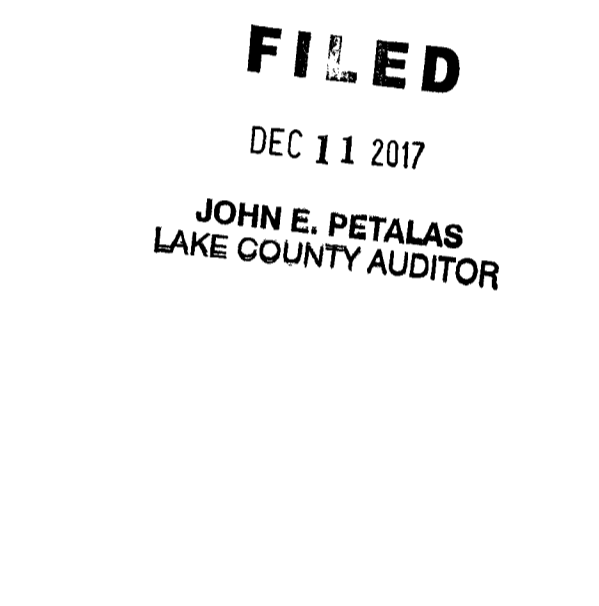
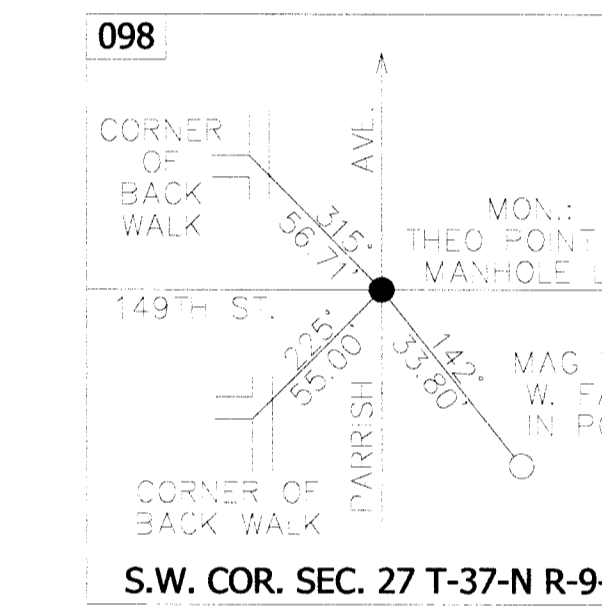
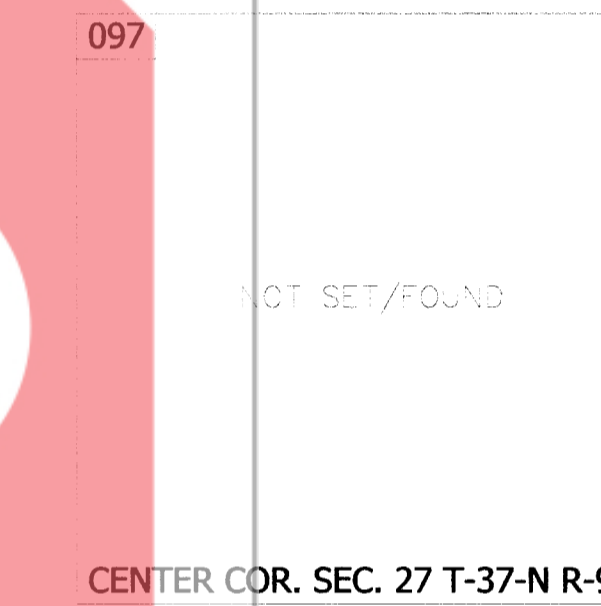
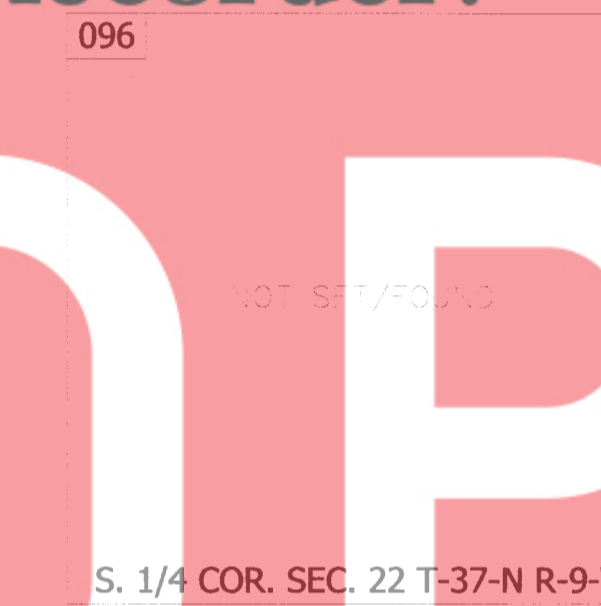
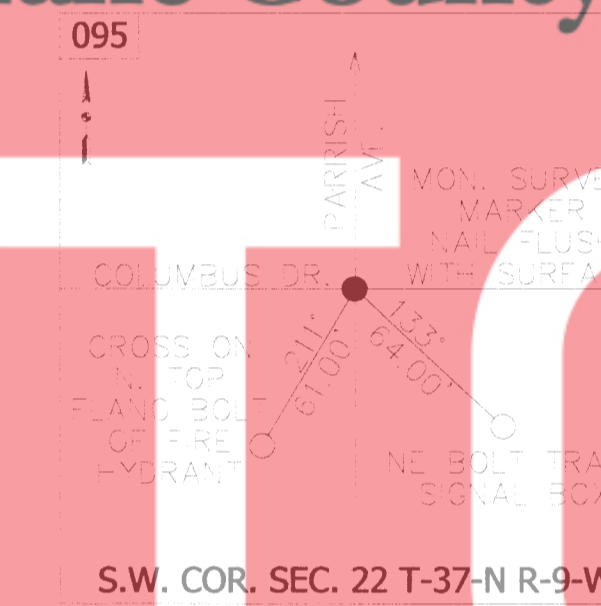
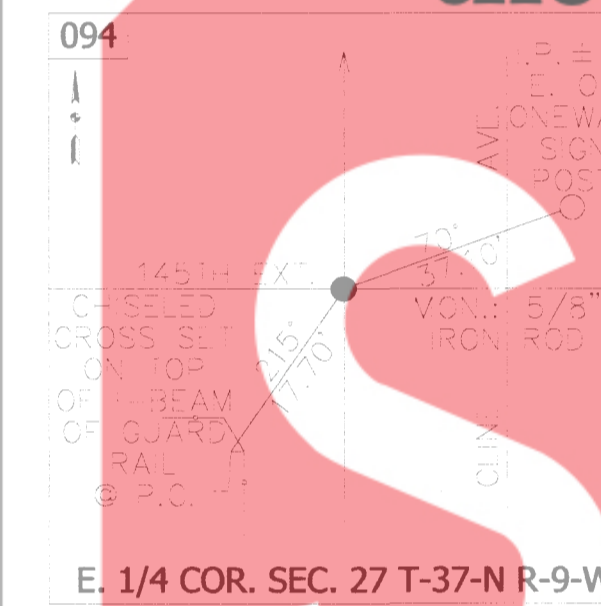
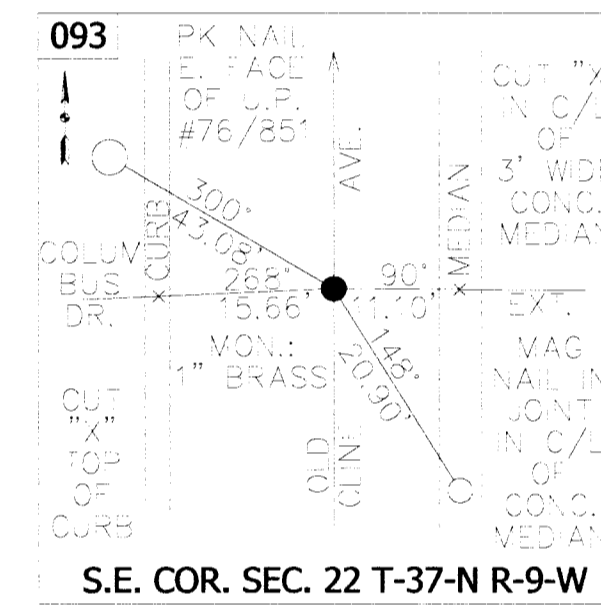
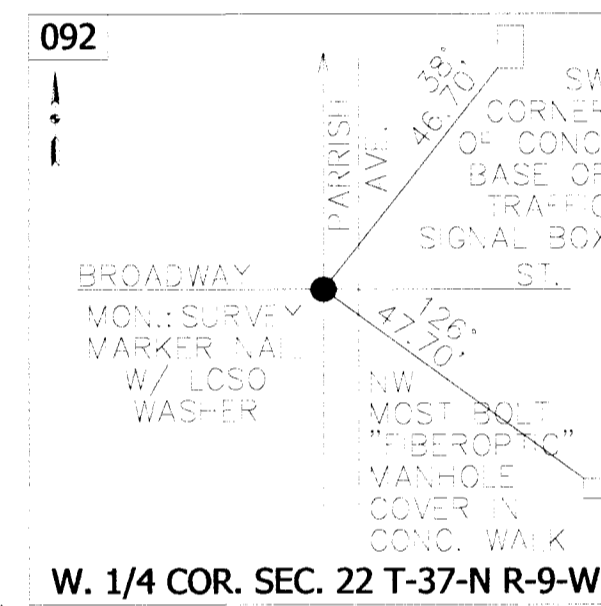
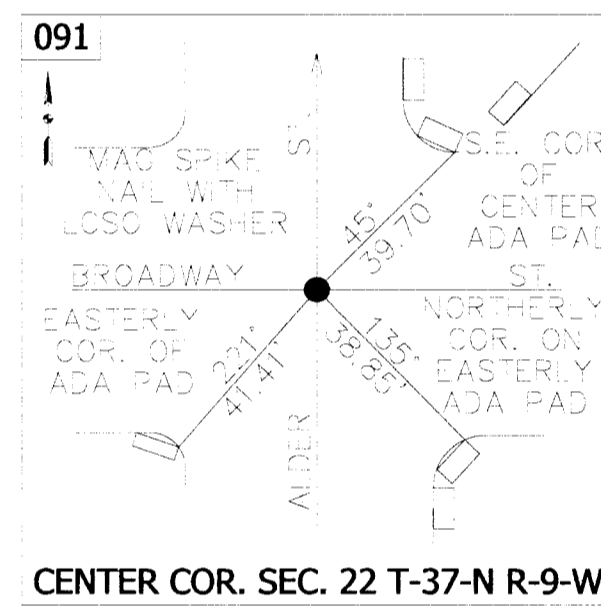
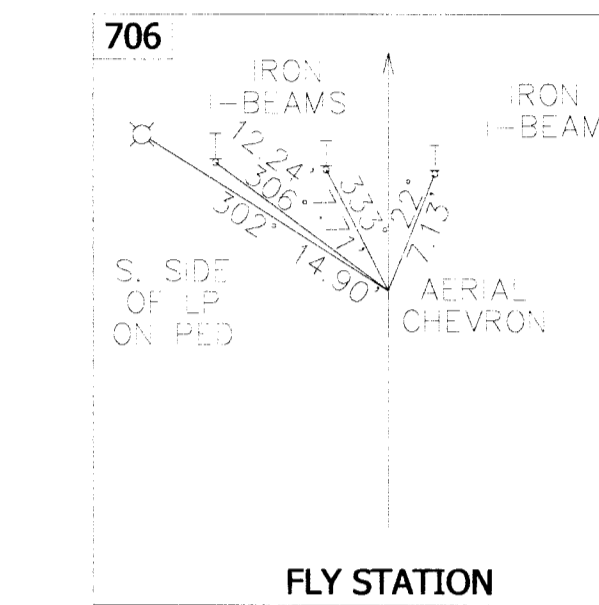
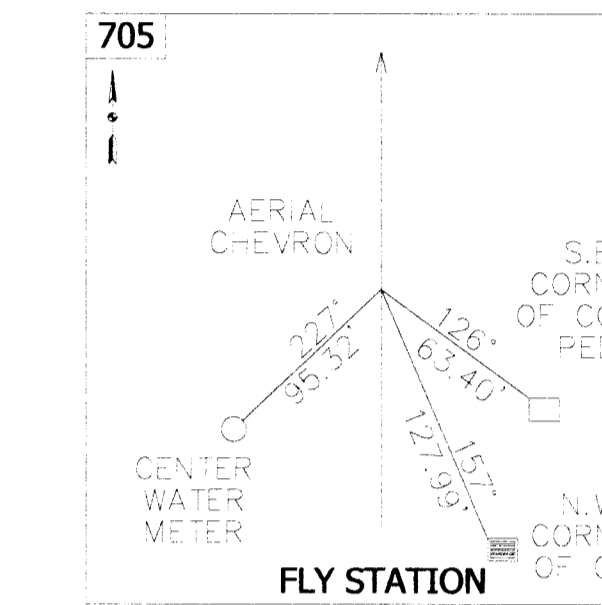
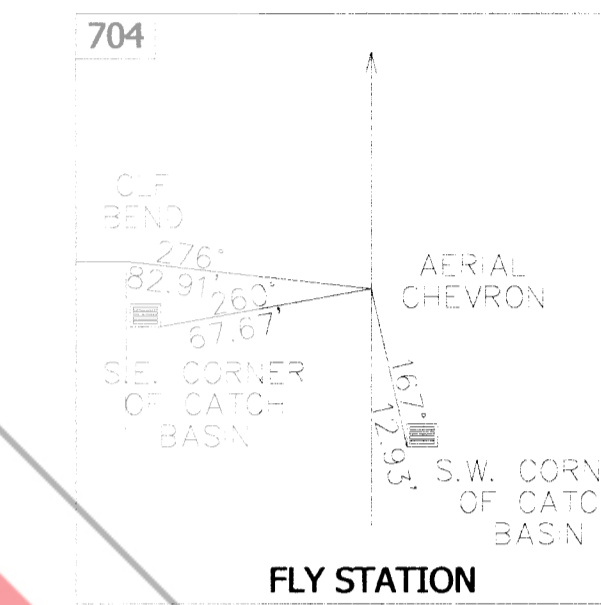
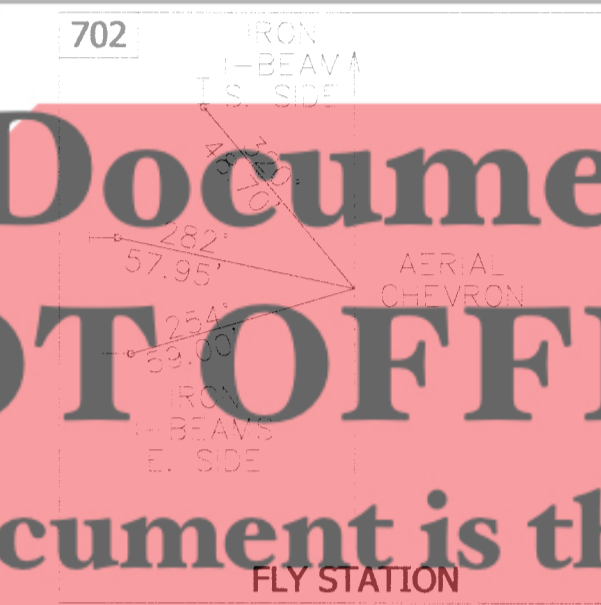
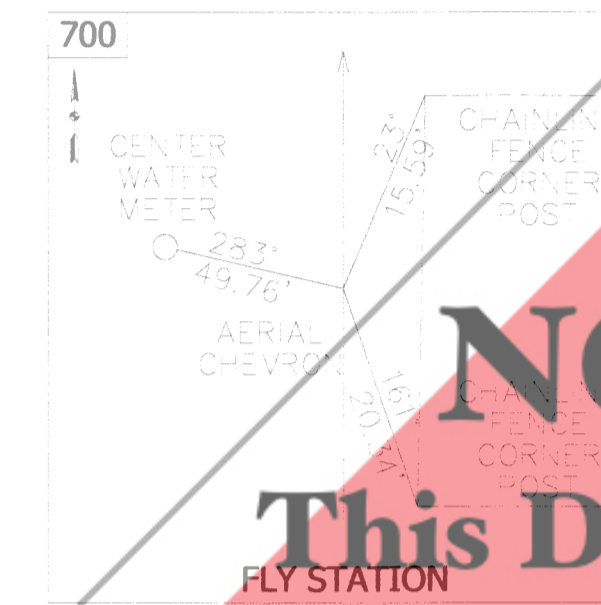
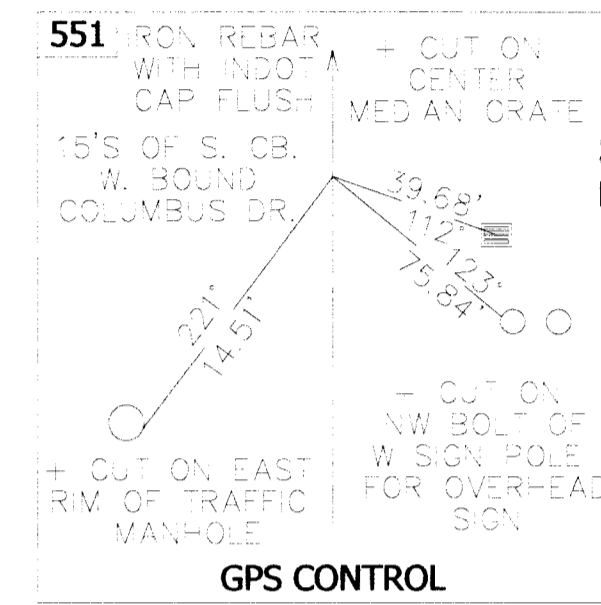
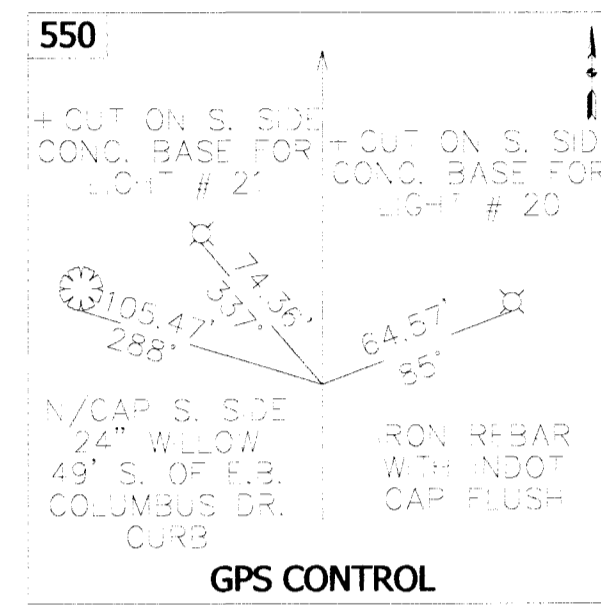
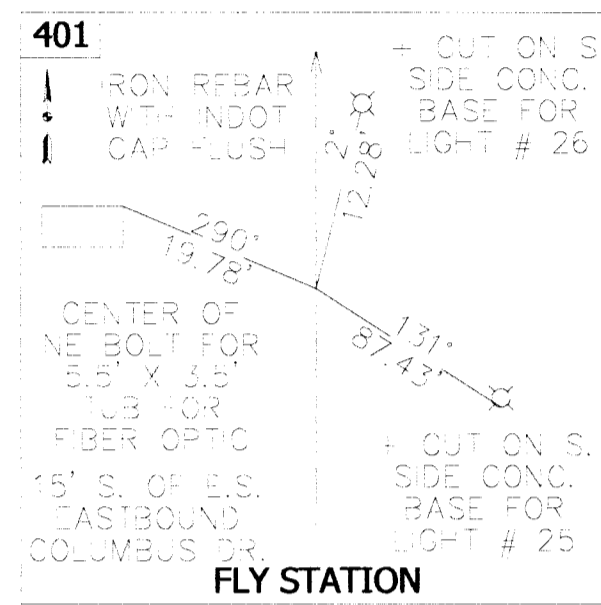
POINT NUMBER	NORTHING	EASTING	LINE	POINT NUMBER	NORTHING	EASTING	LINE
401	50,372.7254	49,580.8194	"N.A."	097	48,012.3217	49,473.3578	"N.A."
550	50,000.0000	50,000.0000	"N.A."	098	45,409.3654	46,845.8563	"N.A."
551	49,909.0576	51,739.1637	"N.A."	101	50,675.7795	48,812.7335	"B"
700	51,304.8702	48,179.9740	"N.A."	102	50,673.3347	48,919.2664	"B"
702	51,130.1551	49,552.8826	"N.A."	103	50,664.3056	49,312.7027	"B"
703	50,469.1730	48,903.3371	"N.A."	104	50,410.3149	49,613.3060	"B"
704	50,091.8607	50,369.3955	"N.A."	105	50,233.1957	49,822.9302	"B"
705	49,270.7238	50,592.5170	"N.A."	106	50,016.7260	50,079.1266	"B"
706	49,984.8965	51,187.6349	"N.A."	107	49,968.1178	50,410.9894	"B"
091	53,298.4650	49,451.8830	"N.A."	108	49,951.1523	50,526.8182	"B"
092	53,353.2000	46,826.4870	"N.A."	111	50,960.9892	49,461.3789	"S"
093	50,601.0232	52,081.4433	"N.A."	113	50,460.9934	49,463.4102	"S"
094	47,959.5527	52,098.7574	"N.A."	114	49,960.9975	49,465.4415	"S"
095	50,720.8158	46,850.0602	"N.A."				
096	50,660.9917	49462.5977	"N.A."				

REFERENCE POINT STATE PLANE COORDINATE TABLE (UNITS ARE U.S. SURVEY FEET)

POINT NUMBER	NORTHING	EASTING	LINE	POINT NUMBER	NORTHING	EASTING	LINE
401	2,327,711.5429	2,854,686.3496	"N.A."	097	2,325,351.2366	2,854,578.8928	"N.A."
550	2,327,338.8343	2,855,105.5113	"N.A."	098	2,322,748.3903	2,851,951.5023	"N.A."
551	2,327,247.8960	2,858,844.5964	"N.A."	101	2,328,014.5819	2,853,918.2964	"B"
700	2,328,643.6455	2,853,285.5676	"N.A."	102	2,328,012.1375	2,854,024.8244	"B"
702	2,328,468.9383	2,854,658.4142	"N.A."	103	2,328,003.1089	2,854,418.2447	"B"
703	2,327,807.9861	2,854,008.8980	"N.A."	104	2,327,749.1286	2,854,718.8350	"B"
704	2,327,430.6909	2,855,474.8901	"N.A."	105	2,327,572.0171	2,854,928.4502	"B"
705	2,326,609.5910	2,855,698.0015	"N.A."	106	2,327,355.5562	2,855,184.6364	"B"
706	2,327,323.7315	2,856,293.0925	"N.A."	107	2,327,306.9503	2,855,516.4843	"B"
091	2,330,637.1346	2,854,557.4419	"N.A."	108	2,327,289.9853	2,855,632.3087	"B"
092	2,330,691.8983	2,851,932.1588	"N.A."	111	2,328,299.7795	2,854,566.9144	"S"
093	2,327,939.8288	2,857,186.8681	"N.A."	113	2,327,799.8056	2,854,568.9456	"S"
094	2,325,298.4698	2,857,204.1814	"N.A."	114	2,327,299.8147	2,854,570.9768	"S"
095	2,328,059.6163	2,851,955.7060	"N.A."				
096	2,327,999.7947	2,854,568.1331	"N.A."				

** NOTE: ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE NOTED AND ANGLES
ARE IN AZIMUTH FROM NORTH

BOOK 30 PAGE 84



FILED
DEC 11 2017
JOHN E. PETALAS
LAKE COUNTY AUDITOR

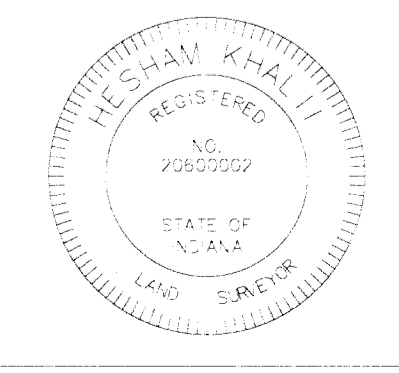
2017-083505

SURVEY STARTED	OCTOBER 2, 2017
SURVEY COMPLETED	OCTOBER 25, 2017
ROUTE PLAT SHEETS	2 of 3

LCRS REVISION NOTES:
 11-21-17 ADDED THE CONTRACT NUMBER TO THE SHEETS
 CORRECTED THE DESIGNATION NUMBER AND PROJECT NUMBER ON SHEET 1
 REVISED THE ARCELORMITTAL PARCEL LINES
 12-1-17 CORRECTED STATION LABELS FOR POINTS 103, 106, 114, AND EQUATION POINT
 REVISED SURVEYOR'S REPORT
 REVISED TITLE BLOCK
 12-7-17 CORRECTED COORDINATES FOR POINTS 113 AND 114 IN GROUND COORDINATE TABLE

FIELD 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.



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 RECOMMENDED FOR APPROVAL
 [Signature]
 REGISTERED LAND SURVEYOR, FIELD
 11-6-17 DATE

INDIANA
 DEPARTMENT OF TRANSPORTATION
 LOCATION CONTROL ROUTE SURVEY

HORIZONTAL SCALE	1:100
COUNTY	LAKE
SURVEY BOOK	B-36677
CONTRACT	1298398
BRIDGE FILE	DESIGNATION 1298398
SHEETS	2 of 3
PROJECT	1298398

ROUTE SURVEY-INDOT PROJECT NO.

DES. # 1298398

GENERAL:

This project is located at the intersection of US 12/ Columbus Dr. and Alder St. in the South half of Section 22, Township 37 North, Range 9 West, and the North half of Section 27, Township 37 North, Range 9 West, East Chicago, Lake County, Indiana.

The purpose of this survey is to collect survey data pertinent to the construction of a new pedestrian bridge over and across US 12/ Columbus Dr. along Alder St. to provide basis for describing any additional Right-of-Way needed to complete this project. The included survey drawing and references are not a property retracement survey. Where right of way lines, parcel ownership lines have been shown, their location is based on physical evidence found in the field, or minimal deed analysis. The section corners shown are based on monumentation found in the field and records obtained from the Lake County Surveyor's Office unless otherwise noted (see section break down).

This project is based on a local coordinate system. Points 401, 550, 551, 700, and 702-706 are positions with coordinates provided by INDOT. These positions were located using using a Trimble R10 rover connected to the Trimble VRS network. I.S.P.C. West Zone, NAD 83 Horizontal and NAVD 88 Vertical were received using a MIFI unit. These positions are located in the 1983 State Plane Coordinate System for Indiana West Zone 1302 In US Survey Foot Units. The State Plane Coordinates for these Control Points were then converted to a local ground coordinate system by assigning a coordinate value for each point provided by INDOT. A ground scale factor of 1.00007169 was used for all positions collected in State Plane Coordinates converted to ground coordinates and translated to the local coordinate system used for this survey. All translations were done holding points 401, 550-551, 700, 702-706 for fixed origin.

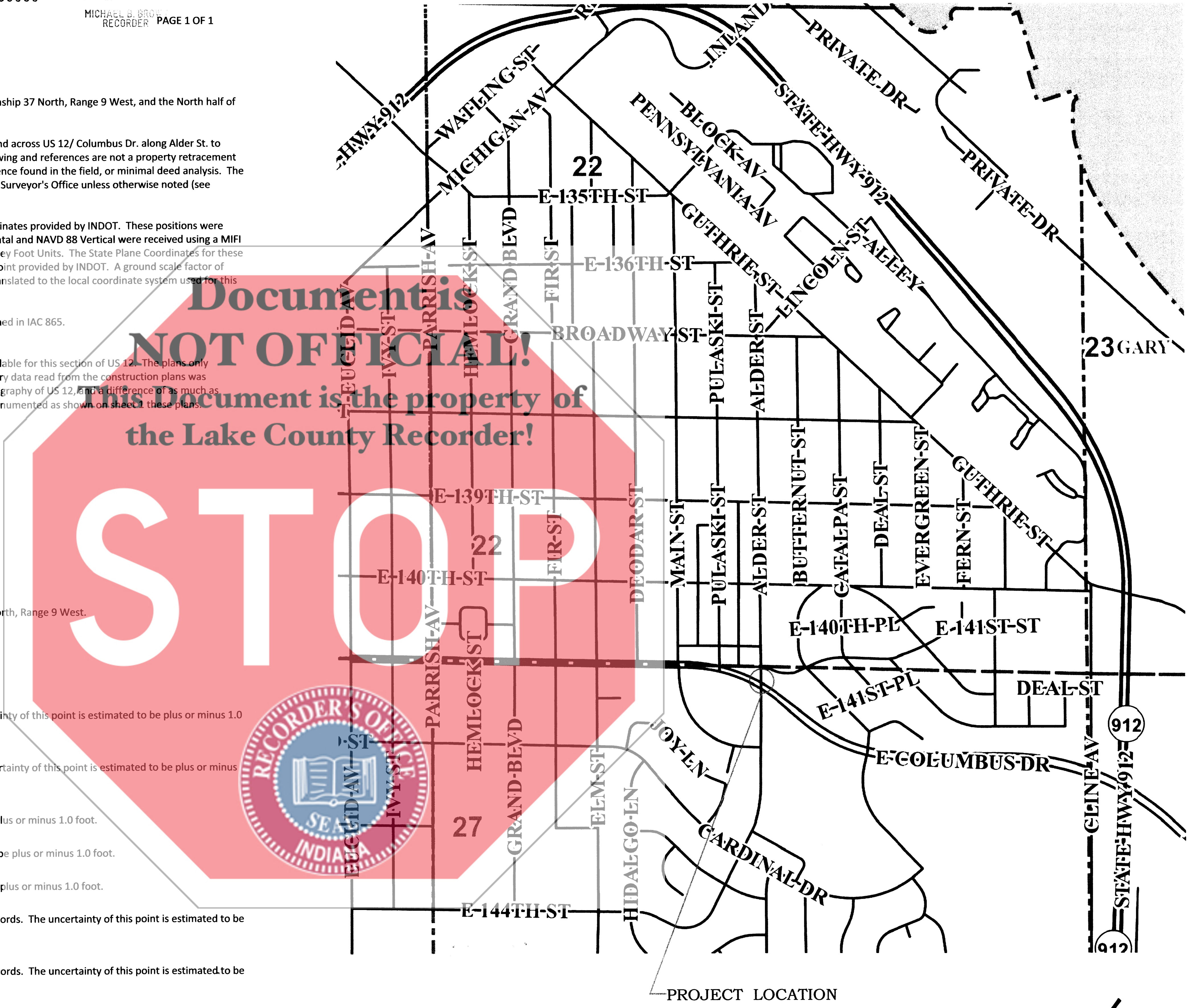
This Survey is within the allowable Relative Positional Accuracy (RPA) for Route Surveys, which is 0.50 feet as defined in IAC 865.

Line "B" Historical construction plans designated as N.R.M. Project No. 367 Sec. A and approved on April 11, 1924 were available for this section of US 12. The plans only indicated temporary right-of-way for said US 12. No historical monumentation could be found. Centerline geometry data read from the construction plans was compared with the location of the existing centerline of US 12 as calculated by field measurements of existing topography of US 12, and a difference of as much as 30+/- feet was observed. Based on the results of this analysis the existing topography was held for line "B" and monumented as shown on sheet 1 of these plans.

- 101. Nothing set at beginning point of Line "B".
- 102. Set Mag Nail flush at beginning point of curve. Original monument, therefore no uncertainty exists.
- 103. Set Mag Nail flush at point of intersection of tangents. Original monument, therefore no uncertainty exists.
- 104. Set Mag Nail flush at end point of curve. Original monument, therefore no uncertainty exists.
- 105. Set Cut X in concrete median. Original monument, therefore no uncertainty exists.
- 106. Set Mag Nail flush at point of intersection of tangents. Original monument, therefore no uncertainty exists.
- 107. Set Mag Nail flush at end point of curve. Original monument, therefore no uncertainty exists.
- 108. Nothing set at end point of line "B".

- Line "S"
Line "S" was established based on the calculated North-South Centerlines of Sections 22 and 27, in Township 37 North, Range 9 West.
- 111. Set Mag Nail flush at beginning of Line "S". Original monument, therefore no uncertainty exists.
 - 113. Set Mag Nail flush on Line "S". Original monument, therefore no uncertainty exists.
 - 114. Set Mag Nail flush at end of Line "S". Original monument, therefore no uncertainty exists.

- Project Section Corners
- 91. Used Mag Spike Nail with LSCO Washer flush with pavement found from county surveyor records. The uncertainty of this point is estimated to be plus or minus 1.0 foot.
 - 92. Used Survey Marker Nail w/ LSCO Washer flush with pavement found from county surveyor records. The uncertainty of this point is estimated to be plus or minus 1.0 foot.
 - 93. Used 1" Brass Rod flush found from county surveyor records. The uncertainty of this point is estimated to be plus or minus 1.0 foot.
 - 94. Used 5/8" Iron Rod down 3" found from county surveyor records. The uncertainty of this point is estimated to be plus or minus 1.0 foot.
 - 95. Used Survey Marker flush found from county surveyor records. The uncertainty of this point is estimated to be plus or minus 1.0 foot.
 - 96. Calculated corner established based on other section corners found in the field and in the county surveyor's records. The uncertainty of this point is estimated to be plus or minus 10.0 feet.
 - 97. Calculated corner established based on other section corners found in the field and in the county surveyor's records. The uncertainty of this point is estimated to be plus or minus 10.0 feet.
 - 98. Used A theoretical point established from locating witnesses found from county surveyor records, actual point falls on manhole lid. Due to theoretical nature of point and statement by county surveyor that the corner has not been perpetuated in Lake County the uncertainty of this point is estimated to be plus or minus 10.0 feet.

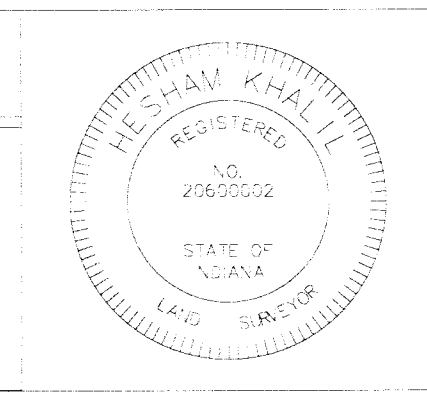


2017-083505 30/84

SURVEY STARTED	OCTOBER 2, 2017
SURVEY COMPLETED	OCTOBER 25, 2017
ROUTE PLAT SHEETS	3 of 3

LCRS REVISION NOTES:
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 REVISED SURVEYOR'S REPORT
 REVISED TITLE BLOCK

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 RECOMMENDED FOR APPROVAL
 REGISTERED LAND SURVEYOR, FIELD
 DATE 11-6-17

INDIANA DEPARTMENT OF TRANSPORTATION
 LOCATION CONTROL ROUTE SURVEY

HORIZONTAL SCALE	1:100
COUNTY	LAKE
DESIGNATION	1298398
SURVEY BOOK	3 of 3
CONTRACT	B-36677
BRIDGE FILE	DESIGNATION 1298398 SHEETS PROJECT 3 of 3 PROJECT 1298398