SW Cor. of

Back/Curb

BRIDGE FILE

1900446

PLAN SHEETS

for Drainage Turnout

Random Control Point #1401 Set Scribed X in San. MH Conc. Collar

2021-013006

GINA PIMENTEL RECORDER STATE OF INDIANA LAKE COUNTY FILED FOR RECORD

9 PAGE 8 Ď M

| PT.#   | NORTHING   | EASTING    | DESCRIPTION    |
|--------|------------|------------|----------------|
| 7000   | 401947.160 | 768072.855 | FND. 1" I. PII |
| 7001   | 401468.909 | 767844.571 | FND. 5/8" RE   |
| 7002   | 401259.865 | 767705.939 | FND. HOT CAL   |
| 7003   | 401260.032 | 768010.260 | FND. 3/8" RE   |
| 7004   | 401469.406 | 768006.589 | FND. REBAR/    |
| 7005   | 401787.104 | 768027.091 | CONC. R/W N    |
| 7006   | 400399.323 | 768154.932 | CONC. R/W N    |
| 7007   | 401757.577 | 768135.317 | CONC. R/W N    |
| 7008   | 401662.852 | 768128.174 | CONC. R/W N    |
| 7009   | 401547.311 | 768129.192 | CONC. R/W N    |
| 7010   | 401546.635 | 768130.132 | FND. 5/8" RE   |
| 7011   | 401145.668 | 768138.900 | FND. 3/4" RE   |
| 100108 | 401947.493 | 768070.237 | FND, MAG SPI   |
| 100110 | 396654.285 | 768113.479 | FND. PUNCH I   |
| 100112 | 401879.344 | 773317.336 | FND, MAG SPI   |
| 626090 | 400939.267 | 768150.095 | CONC. R/W M    |
|        |            |            |                |
|        |            |            |                |

401376,905

401346.043

400998.462

400703.443

399370.628

402012.300

ROUTE SURVEY for small structure replacement project,

OWNER/CLIENT: Indiana Department of Transportation

LOCATED approximately in Sections 20 and 21, Township

35 North, Range 9 West, St. John Township, Lake County

The purpose of this survey is to collect data for the design

of a small structure replacement project, and to provide a

basis of describing any right-of-way needed for the project.

HORIZONTAL DATUM: Unless noted otherwise, all bearings,

distances, areas, and coordinates shown hereon are based

on the Indiana Geospatial Coordinate System's (InGCS)

"Lake" zone per NAD 83 (2011) epoch 2010.00 and are

thereof. The "Lake" zone was developed to minimize the

and the corresponding grid coordinate (map) distances

differences between ground measured horizontal distances

reported in U.S. Survey Feet and decimal parts

within the county bearing this zone's name

Central Meridian: 87°24'00" west longitude

Central Meridian scale factor: 1.000026

http://www.in.gov/indot/InGCS.htm)

InGCS "Lake" Zone Parameters (also available at

Geometric Datum: NAD 83(2011) epoch 2010.00 Projection Type: Transverse Mercator

Latitude of Grid Origin: 40°42'00" north latitude

U.S. Route 41, 1.0 mile south of the junction of U.S. Route

1400

1401

1402

1403

100100

100107

SURVEYOR'S REPORT

30 in Lake County, Indiana

INDOT DES. NO.: 1900446

It is not a property retracement survey.

EASTING 768394.507

768046.505

768126.786

768058.710

768068.729

768116.158

SET

FND. 5/8" REBAR 3" BG FND. HOT CALL NOT UNCOVERED FND. 3/8" REBAR FLUSH FND. REBAR/ BULLOCK S0512 CAP 2" BG CONC. R/W MON. CONC. R/W MON. CONC. R/W MON. CONC. R/W MON. CONC. R/W MON FND. 5/8" REBAR NO CAP FLUSH

PUNCH IN MANHOLE RIM

SET SCRIBED X IN TOP OF CURB

SET 3/4" REBAR/REF CAP FLUSH

FND. MAG IN SIDEWALK JOINT (#107)

measured this survey.

other road project.

FND. 3/4" REBAR 2" AG LEANING SLIGHTLY FND. MAG SPIKE W/LCSO WASHER FLUSH FND. PUNCH MARK IN 1" IRON PIN IN CONC FND. MAG SPIKE W/LCSO SURVEY WASHER FLUSH CONC. R/W MON.

FND. REBAR/REF CAP FLUSH (Not Shown, #100)

SURVEYOR'S REPORT (Cont'd.)

ALIGNMENT: Line "E" is an unmonumented re-run of Line

appears to have been a re-run of Line "E" of F-Project No.

69 (36), dated 1961. Although no centerline monuments

were found within the project area, two random control

monuments were found and were used to re-establish Line

"E" from the 2017 project. Specifically, control points #107 and #100 from plans for Project (Des.) 1298309 were found in place. Plan data was shifted from Plan Point 107 to

the measured location of the mag nail (Point #100107 this

with the measured location of the rebar (Point 100100 this

survey), and was rotated so that Plan Point 100 aligned

survey). The resulting error was less than 0.04'. Stations

northeast and southeast corners of Section 20 calculated

from plan data were each within 0.18' of their locations

approximately 1 foot left of Line "E" but was not called for

on plans for said project. It may have originated from some

SECTION CORNERS: Points 100108, 100110, and 100112

all represent monuments found in place, consistent with

Corner Records provided by the Lake County Surveyor's

EXISTING R/W: The existing R/W shown was either

and offsets agreed reasonably with plan data. The

The only alignment control monument found is

"E" of Project (Des.) No. 1298309, dated 2017, which

Christenson - Kortenhoven Addn Inst. 96028226 NE 1/4 Sec. 20, T35N, R9W, ST. JOHN TWP. LAKE COUNTY SCRIBED X IN SAN MH CONC COLLAR

Adventas, LLC Lot 1 Crosby's Addn. nst, 2007004608 National Retail Properties, LP

Addition

Inst. 2006093678

McInnis Management LLC

Lot 1

K & C Development Inst. 2018-034359 Lot 1 Seida's Addn. Inst. 96000397 1402

Calc. Point, No Mon.

& C Property Holdings LLC

K & C Development

Inst. 2018-034359

Jenny Lane

-P.O.T. 925+00.00 Line "E"

Calc. Point, No Mon.

N 401598,755

E 768079.798

Lot 32 Ahlborn's Scenic 2nd Addn. Stephen R. Lukasik, et al. Book 33, page 8 Inst. 2014073228 78th Court (Vista Drive) American Savings Bank FSB Lot 1 American Savings FSB P.O.T. 915+00.00 Line "E"

□10<sup>0</sup>

1700g

925+00

#100110 Apparent SE Cor. of

Conc. Drive & C Property Holdings LL NW 1/4 Sec. 21, T35N, R9W, Random Control Point #1402 Set Scribed X in Top/Curb ST. JOHN TWP. LAKE COUNTY

hive Inlet NW Cor of Back/Curb S. End Post for Drainage Cen. of (E. of 2) Turnout 30" RCP Random Control Point #1403

for School

Bus Sign

Sign

No Parking

77th\_A SITE-Sec. 20 Sec. 21 SITE LOCATION Scole: 1" = 2000'

## LEGEND

#100112-

Cen. of

Cen. of 30" RCP

Apparent NE Cor. of

Sec. 21, T35N, R9W

Not Referenced

Random Control Points #1400, 100100, 10010

E. End Cen. of

27x39" ECMP → 8

CALCULATED BASELINE POINT (NO MONUMENT) ON DANGE EVIDENCE

■ 1400 RANDOM CONTROL POINT

2021-013006

## False Northing: 36,000.000 m (118,110.00 U.S.Ft) False Easting: 240,000,000 m (787,400,00 U.S.Ft) The "Lake" Zone coordinates for this project were established using the VRS-Now RTN Network at point 1400 of this survey. Local-base RTK measurements along with differential levels were used to establish the other random control points shown.

FILED

FEB 09 2021

JOHN E. PETALAS LAKE COUNTY AUDITOR

SOCIAL SECURITY REDACTION STATEMENT offirm, under the pencities for perjury, that have taken reasonable care to reduct each social security number in this document, unless

Torry & Jones

ROUTE PLAT SHEETS THE RESERVE THE LOCHMUELLER GROUP, INC.

FIELD SURVEYOR STATEMEN

SCALE

NO. 9500016 STATE OF

INDIANA DEPARTMENT OF TRANSPORTATION LOCATION CONTROL ROUTE SURVEY SURVEY BOOK U.S. Route 41, 1.0 mile South of U.S. Route 30

## N 400598.901 E 768096.887 Theodore R. & Mari Hunter Outlot A Ahlborn's Scenic Addn. Book 30, page 98 0 50' 100'

dedicated by subdivision plats, or was acquired from F-Project No. 69 (36), Code 0094, dated 1961. The grants for said project appear to have been recorded in a timely