

Drain: HAMMILL 1 & 2 Drain #: 118
Improvement/Arm: DITCH NO. 2
Operator: J. LIVINGSTON Date: 4-12-04
Drain Classification: Urban/Rural Year Installed: 1904

GIS Drain Input Checklist

- Pull Source Documents for Scanning
- Digitize & Attribute Tile Drains
- Digitize & Attribute Storm Drains
- Digitize & Attribute SSD
- Digitize & Attribute Open Ditch
- Stamp Plans
- Sum drain lengths & Validate
- Enter Improvements into Posse
- Enter Drain Age into Posse
- Sum drain length for Watershed in Posse
- Check Database entries for errors

J. Livingston
J. Livingston
J. Livingston
J. Livingston
J. Livingston
J. Livingston
J. Livingston
J. Livingston
J. Livingston
J. Livingston

Gasb 34 Footages for Historical Cost
Drain Length Log

Drain-Improvement: HA M & MULLEN 1:2 - DITCH No. 2

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	Price:	Cost:
TILE	10"	750'	750'		3.00/lf	2250.00
	12"	750'	750'		4.00/lf	3000.00
	16"	854'	854'		5.50/lf	4697.00
	18"	1246'	1246'		6.50/lf	8099.00
	20"	1000'	1000'		8.00/lf	8000.00
OPEN DITCH	-	1410'	1410'		19.55/lf	27565.00
TILE - ARM 1	8"	500'	500'		2.00/lf	1000.00
	10"	336'	336'		3.00/lf	1008.00
TILE - ARM 1 OF 1	6"	864'	864'		1.00/lf	864.00
TILE - ARM 2	4"	135'	135'		1.00/lf	135.00
TILE - ARM 3	8"	337'	337'		2.00/lf	674.00

Sum: 8182' " " 8182' \$ 57,292.50

Final Report: 8182'

Comments:

IN THE MATTER OF

#7

H. A. McMullen

Drain

$$\begin{array}{r} 38 \\ 13 \\ \hline 51 \\ 10 \\ \hline 61 \\ 36 \\ \hline 97 \\ 268 \\ \hline 365 \\ 1100 \\ \hline 1465 \\ 2 \end{array}$$

Report of Ditch Viewers.

COMMISSIONERS' COURT.

Oct 8-1904 Report approved and
 the assessments confirmed, and
 the viewers ordered to make final
 report on Oct. 15, 1904 and file the
 same with auditor.

Filed *Henry Carpenter*
James D. Owen

SEP 10 1904

Auditor.

Wm. B. Ford, Printer, Indianapolis. 500-2-25-'99.

Ditch Record No 1
 76 to 81

Viewers' Report of *Henry A. McMullen No. 2* Ditch.

To the Honorable Board of Commissioners of *Hamilton* County, Indiana:

We, the undersigned, appointed by this Court, at its *June* Term, 1904, to view a drain described in the certified copy of a petition and order of Court for a *Drain*, by *H. A. McMullen* and others, handed us by the Auditor, would represent that according to said order we on the day named therein, to wit: The *30th* day of *June*, 1904, in company with *H. L. Siedley*, a civil engineer, made an accurate survey of the line of said proposed *Drain*, from its source to its outlet. A plat of said *Drain* is filed herewith, including the survey by the engineer, marked "Exhibit *B*." We caused stakes to be set along said line, each one hundred feet, numbering down stream, as shown by plat. We also made a computation of the total number of cubic yards of earth to be removed from said drain, and estimated the total cost for the construction of the work at *\$1842.45* Dollars.

We also apportioned and set apart to each parcel of land a share of said work in proportion to the benefits received, all of which will fully appear by a tabular statement in this report. We have also set out, by a statement below, the names of the owners of lands benefited, with a description of each tract of land, and the amount assessed against each tract. The depth of cut, the width at bottom, and width at top along said drain, is also shown in a tabular statement in this report. After a full and careful view and examination, we are of the opinion that the drain, as located by the survey, will be of *a public utility and convenience, and a benefit to the public highways and the best method to secure said drainage is by a drain as described on page 2 of this Report.*

The following statement shows who are benefited, the lands thereof and assessments thereon, location, ~~length of each share~~, amount of assessments, ~~amount of benefits, amount of dirt to be removed from each share, price thereof per cubic yard, and total cost of each share:~~

NAMES OF OWNERS.	DESCRIPTION OF LANDS.	Section.	Township.	Range.	Acres Assessed.	Width Assessed.	Acres Benefited.	Width Benefited.	Amount of Benefits.	Amount of Assessments.	From Station. To Station.	Feet Long.	Cubic Yards to be Removed.	Price per Cubic Yard.	Cost of Construction of Share.
<i>Elizabeth Bryant</i> <i>Danner</i>	<i>Pl SE</i>	<i>NW</i>	<i>12</i>	<i>20</i>	<i>4</i>	<i>24 00</i>			<i>240.260</i>				<i>2 56</i>		<i>19</i>
	<i>Pl NE</i>	<i>NW</i>	<i>17</i>	<i>20</i>	<i>4</i>	<i>20 00</i>			<i>20</i>						
<i>Daniel Whisler</i>	<i>SE</i>	<i>NW</i>	<i>12</i>	<i>20</i>	<i>4</i>	<i>40 00</i>			<i>2300.2300</i>				<i>224 68</i>		<i>16 70</i>
<i>Charlotte Harman</i> <i>same</i>	<i>SE</i>	<i>NE</i>	<i>11</i>	<i>20</i>	<i>4</i>	<i>40 00</i>			<i>1600.2400</i>				<i>234 45</i>		<i>17 93</i>
	<i>SW</i>	<i>NE</i>	<i>11</i>	<i>20</i>	<i>4</i>	<i>26 00</i>			<i>80.00</i>						
<i>John Wheatstone</i> <i>same</i> <i>same</i>	<i>Pl NE</i>	<i>SW</i>	<i>12</i>	<i>20</i>	<i>4</i>	<i>28 00</i>			<i>98 00</i>	<i>354.00</i>			<i>345 84</i>		<i>25 70</i>
	<i>Pl SE</i>	<i>SE</i>	<i>11</i>	<i>20</i>	<i>4</i>	<i>17 00</i>			<i>56 00</i>						
	<i>NE</i>	<i>SE</i>	<i>11</i>	<i>20</i>	<i>4</i>	<i>40 00</i>			<i>200 00</i>						
<i>H. A. McMullen</i> <i>same</i>	<i>NW</i>	<i>SE</i>	<i>11</i>	<i>20</i>	<i>4</i>	<i>40 00</i>			<i>240.00</i>	<i>461.00</i>			<i>450 33</i>		<i>33 17</i>
	<i>Pl NW</i>	<i>SE</i>	<i>11</i>	<i>20</i>	<i>4</i>	<i>25 00</i>			<i>221 00</i>						
<i>Jacob Brunner</i> <i>same</i> <i>same</i>	<i>Pl NE</i>	<i>SW</i>	<i>11</i>	<i>20</i>	<i>4</i>	<i>28 00</i>			<i>212 00</i>	<i>454 00</i>			<i>443 48</i>		<i>32 96</i>
	<i>Pl SE</i>	<i>SW</i>	<i>11</i>	<i>20</i>	<i>4</i>	<i>28 00</i>			<i>212 00</i>						
	<i>Pl NE</i>	<i>NE</i>	<i>11</i>	<i>20</i>	<i>4</i>	<i>10 00</i>			<i>30 00</i>						
<i>Henry Nalty</i> <i>same</i>	<i>East Pl NW</i>	<i>NW</i>	<i>11</i>	<i>20</i>	<i>4</i>	<i>7 00</i>			<i>40.00</i>	<i>40 00</i>			<i>39 10</i>		<i>2 80</i>
<i>Hamilton Co.</i> <i>same</i> <i>same</i>	<i>Benefit to Grand Road</i>														
	<i>Belmont Sch. NTS.</i>	<i>1/2</i>	<i>20</i>	<i>4</i>					<i>25 00</i>	<i>68 00</i>			<i>66 45</i>		<i>4 94</i>
	<i>East Pl 4 1/2 High Cent.</i>	<i>11</i>	<i>20</i>	<i>4</i>					<i>25 00</i>						
	<i>NTS 1 1/2 High Cent.</i>	<i>11</i>	<i>20</i>	<i>4</i>					<i>18 00</i>						
<i>Jackson Imp.</i>	<i>Benefit Highway</i>														
	<i>NTS Belmont</i>	<i>1/2</i>	<i>20</i>	<i>4</i>					<i>18 00</i>	<i>18 00</i>			<i>17 60</i>		<i>1 31</i>

Viewers' Report of

TABULAR STATEMENT OF ASSESSMENTS, BENEFITS, ETC.

Ditch.

Location Main Ditch
 Begins - about - 45 Rods North and about - 35 Rods West -
 of the NE Corner of the SW $\frac{1}{4}$ Section 11 - Township 20 North Range 4 East.
 Run thence N. 65° East - 223 ft - Thence N 25° East - 264 ft -
 Thence North 30° East - 260 ft - Thence N 59° East - 422 ft -
 Thence North 42° East - 431 ft - Thence N 45° East - 650 ft -
 Thence North 81° East - 104 ft - Thence S 84° East - 116 ft -
 Thence North 64° East - 137 ft - Thence N 55° East - 240 ft -
 Thence North 50° East - 460 ft - Thence N 82° East - 1200 ft - and
 terminates in an open drain about the center of SE $\frac{1}{4}$ of SW $\frac{1}{4}$
 Sec - 12 - Twp - 20 N. Range 4 East -

Arm # 1 - Begins 650 ft East of the NW Corner of the SE $\frac{1}{4}$ of Sec. 11.
 Twp 20 - Range 4 East - Run thence South 38° East - 93 ft -
 Thence South 40° East - 281 ft - Thence South 58° East - 226 ft -
 Thence South 39° East - 62 ft - Thence South 60° East - 174 ft - and
 terminates in Main Ditch at Sta 21 + 66

Arm No 1 - to Arm No 1 - Begins 337 ft South of the NW Corner of SE $\frac{1}{4}$ of
 Section 11 - Twp 20 N Range 4 East - Run thence South 79° East - 200 ft -
 Thence South 88° East - 664 ft and terminates on Arm No 1 - at Sta 5

Arm No 2 - Begins 50 ft South of the SE Corner of SE $\frac{1}{4}$ Sec. 11 - Twp 20 N
 Range 4 East - Run thence North 1.5° East - 137 ft - and terminates on Main Ditch
 at Sta 38 + 37

Arm # 3 - Begins 400 ft East of the NW Corner of SW $\frac{1}{4}$ Sec. 12 - Twp -
 20 North Range 4 East - Run thence 20° North - 20° West - 337 ft -
 and terminates in Main Ditch at Sta 42.

Requirements, Main Ditch
 Said Ditch to consist of 1 row 10" tile from Sta 0 to Sta 7+50
 and one row $12\frac{1}{2}$ " tile from 7+50 to Sta 15 - and one row 16" tile from
 Sta 15 to Sta 23+54 - and one row 18" tile from 23+54 to Sta 36 -
 and one row 20 in tile from Sta 36 to Sta 49+92 - and one row 20"
 Salt-Glazed Enam file from 49+92 to Sta 46 - and an open drain 2 ft -
 wide in bottom north side slope 1 to 1 or 45° from Sta 46 to Sta 60+10

Arm No 1 - To consist of one row 8" tile from Sta 0 to Sta 5 and one row
 10 in tile from Sta 5 to Sta 7+36

Arm No 1 - to Arm No 1 - To consist of one row of 6" tile throughout

Arm No 2 - To consist of one row - 4" tile throughout

Arm No 3 - to consist of one row - 8" tile throughout

Viewers' Report of

TABULAR STATEMENT OF STATIONS, WIDTH, DEPTH, LENGTH, ETC.

Ditch.

STATIONS.	WIDTH AT TOP.		DEPTH OF CUT.		WIDTH AT BOTTOM.		WIDTH OF CLEARING OR TIMBER.
	Feet.	Inches.	Feet.	Tenths.	Feet.	Inches.	
At Sta 23+54 - on Main Ditch to be constructed with							
At Sta 46 on Main Ditch to be constructed with							
At Sta about 437 - to be furnished with							

At Sta 23+54 - on Main Ditch to be constructed with
 mch. hard burnt Brick laid up in mortar made from Portland
 Cement to 2 parts - good sharp sand - and to be plastered
 on inside with Mortar made from 1 part Portland Cement to 2-3 parts
 sand - and to be covered with Stone Cover #4'x4'x4"
 Dimensions of Basin 7'x3'x4" tall.

At Sta 46 on Main Ditch to be constructed with
 fine field rock or sugarheads laid up with mortar of same
 description as used in Basin - and to be constructed as to receive
 the tile at proper grade 48" above base of wall. Dimensions 15'x5'x2"

At Sta about 437 - to be furnished with 16ft-10" tile and to connect
 to main Ditch

GENERAL SPECIFICATIONS AND SUGGESTIONS.

The length of the ditch as located is 6010 ft -

The fall of the established grade is $1\frac{3}{100}$ feet from Station 0 to Station 40

Drop in grade at Sta 46 - of $5\frac{1}{100}$ ft -

The fall in grade is $1\frac{1}{100}$ from Sta 46 to Sta 60+10 " " " "

The total fall is feet to the

the grade of Arm No 1 - is 1 ft to each 100 ft -

" " " " Arm No 1 - to Arm No 1 - is $1\frac{7}{100}$ from 0 to 8+ $15\frac{1}{100}$ from 8 to 8+64-7

" " " " " " Arm No 2 - is 1 ft - to each 100 ft -

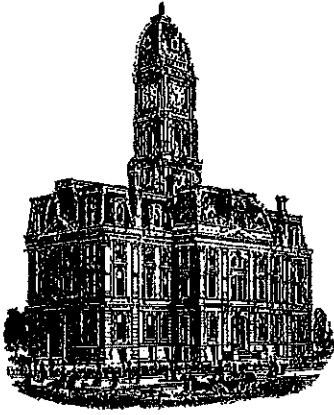
" " " " " " Arm No 3 - is $1\frac{1}{100}$ ft from 0 to 3 - and $2\frac{1}{100}$ - 3 to 3+37

All tile used in the construction of said Ditch to be first class in every respect -
 and subject to inspection by County Surveyor and to be laid in
 ditch at proper grade in a three line with joints well matched
 and to be left uncovered until accepted by County Surveyor - after being accepted
 by Co Surveyor to be covered with dirt to a depth of 24" above ditch in
 old open channel and where ditch is started the trench to be filled
 full. All dirt removed from open portions to be deposited not more than
 two ft - from break of banks.

As the Viewers would further report that in our opinion it would
 be impracticable to allot said drain for construction for the reason
 that we believe it could be better done and in less time and at a less
 cost to sell the same in one contract - and we would recommend that
 the Auditor sell the same in one contract as provided by law in such cases.

Viewers { Geo. W. Morris
 J. N. Edwards
 R. M. Hurst

Subscribed and sworn to before me, this 10 day of September 1904
 Isaac Powell Auditor Hamilton County.



Kenton C. Ward, CEM
Surveyor of Hamilton County
Phone (317) 776-8495
Fax (317) 776-9628

Suite 188
One Hamilton County Square
Noblesville, Indiana 46060-2230

Map Correction-Field Verification

Drain Number: #118

Drain Length: 8182

Drain Name: H.A. McMullen – Ditch No. 2

Change + / - : -136

Date: 11-17-2021

New Length: 8011

Verified By: SLM, BKR

Notes & Sketch: See attached as-built sheets.

The road improvements for 276th and 281st Street (Phase II) modified the existing regulated drain. The changes were outlined on the plans sponsored by Indiana Department of Transportation and stamped by RQAW. The plans had a project number of 1600597 and changes to the drain were shown on sheets 16 and 20-22.

The project modified the H.A. McMullen Ditch No. 2 at the intersection of 281st & Whetstone Road. The improvements replaced 264 feet of 20" tile with 228 feet of 24" RCP. The project also removed the entirety of the H.A. Mc Mullen Ditch No. 2 – Arm 2. This consisted of 135 feet of 4" tile. Then just East of the intersection the project replaced 89 feet of existing 8" tile with 89 feet of 12" RCP. This change occurred on the H.A. McMullen Ditch No. 2 – Arm 3.

Suzanne L. Mills
GIS Specialist

HAMILTON COUNTY SURVEYOR'S OFFICE
"AS-BUILT" RECORD DRAWING
H.A. MCMULLEN
REGULATED DRAIN



Scale: 1" = 40'

Drawn By: Teresa Dudley
 DATE: 9-7-2021

THE AS-BUILT SURVEY USED THE FOLLOWING DATUM:
 HORIZONTAL DATUM: NAD 1983 (CONUS) INDIANA EAST 1301
 VERTICAL DATUM: (NAVD 88) (GEOID 18)

"AS-BUILT" CERTIFICATION

"AS BUILT" INFORMATION COLLECTED BY HAMILTON COUNTY SURVEYOR'S OFFICE. I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF, A TRUE AND CORRECT REPRESENTATION OF THE LOCATIONS AND ELEVATIONS OF THE "AS-BUILT" REGULATED DRAIN IMPROVEMENTS. INFORMATION OBTAINED BY FIELD SURVEY ON 9/1/2021.

CERTIFIED BY:

Brian K. Rayl

BRIAN K. RAYL, PS
 PROFESSIONAL SURVEYOR
 INDIANA LICENSE NO. 20100070

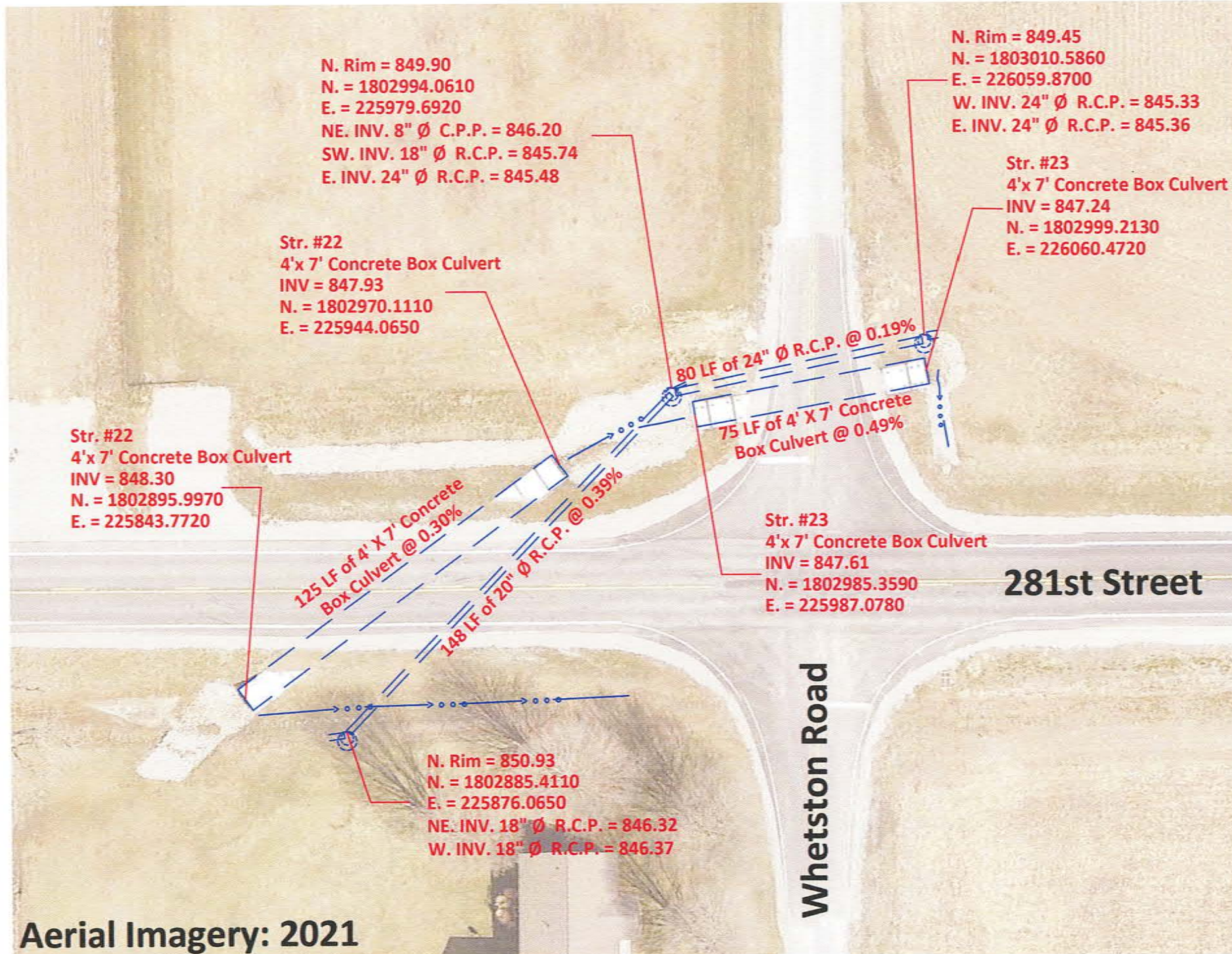
DATE: SEPTEMBER 30, 2021



THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY, OR SURVEYOR LOCATION REPORT EXISTING STRUCTURE NUMBERS FROM INDOT CONTRACT NUMBER R-39726



HAMILTON COUNTY, INDIANA
 HAMILTON COUNTY SURVEYOR'S OFFICE
 HAMILTON COUNTY GOVERNMENT AND JUDICIAL CENTER
 ONE HAMILTON COUNTY SQUARE, SUITE 188
 NOBLESVILLE, IN 46060
 PHONE: (317) 776-8495
 FAX: (317) 776-9628
 SURVEYOR@HAMILTONCOUNTY.IN.GOV



Aerial Imagery: 2021

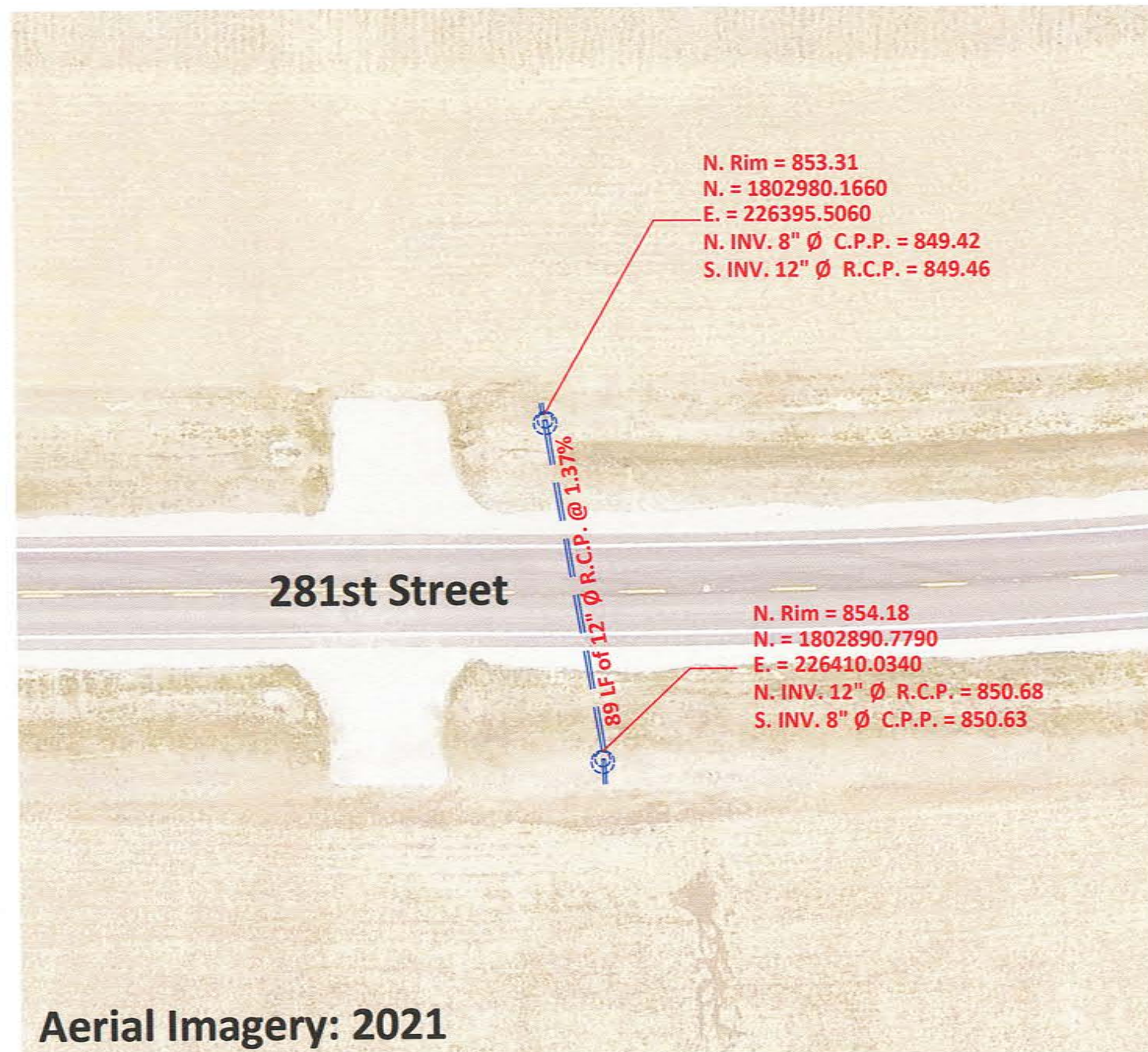
HAMILTON COUNTY SURVEYOR'S OFFICE
"AS-BUILT" RECORD DRAWING
H.A. MCMULLEN
REGULATED DRAIN



Scale: 1" = 40'

Drawn By: Teresa Dudley
 DATE: 9-7-2021

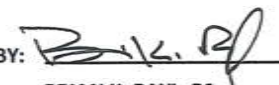
THE AS-BUILT SURVEY USED THE FOLLOWING DATUM:
 HORIZONTAL DATUM: NAD 1983 (CONUS) INDIANA EAST 1301
 VERTICAL DATUM: (NAVD 88) (GEOID 18)



Aerial Imagery: 2021

"AS-BUILT" CERTIFICATION

"AS BUILT" INFORMATION COLLECTED BY HAMILTON COUNTY SURVEYOR'S OFFICE. I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF, A TRUE AND CORRECT REPRESENTATION OF THE LOCATIONS AND ELEVATIONS OF THE "AS-BUILT" REGULATED DRAIN IMPROVEMENTS. INFORMATION OBTAINED BY FIELD SURVEY ON 9/1/2021.

CERTIFIED BY: 
 BRIAN K. RAYL, PS
 PROFESSIONAL SURVEYOR
 INDIANA LICENSE NO. 20100070



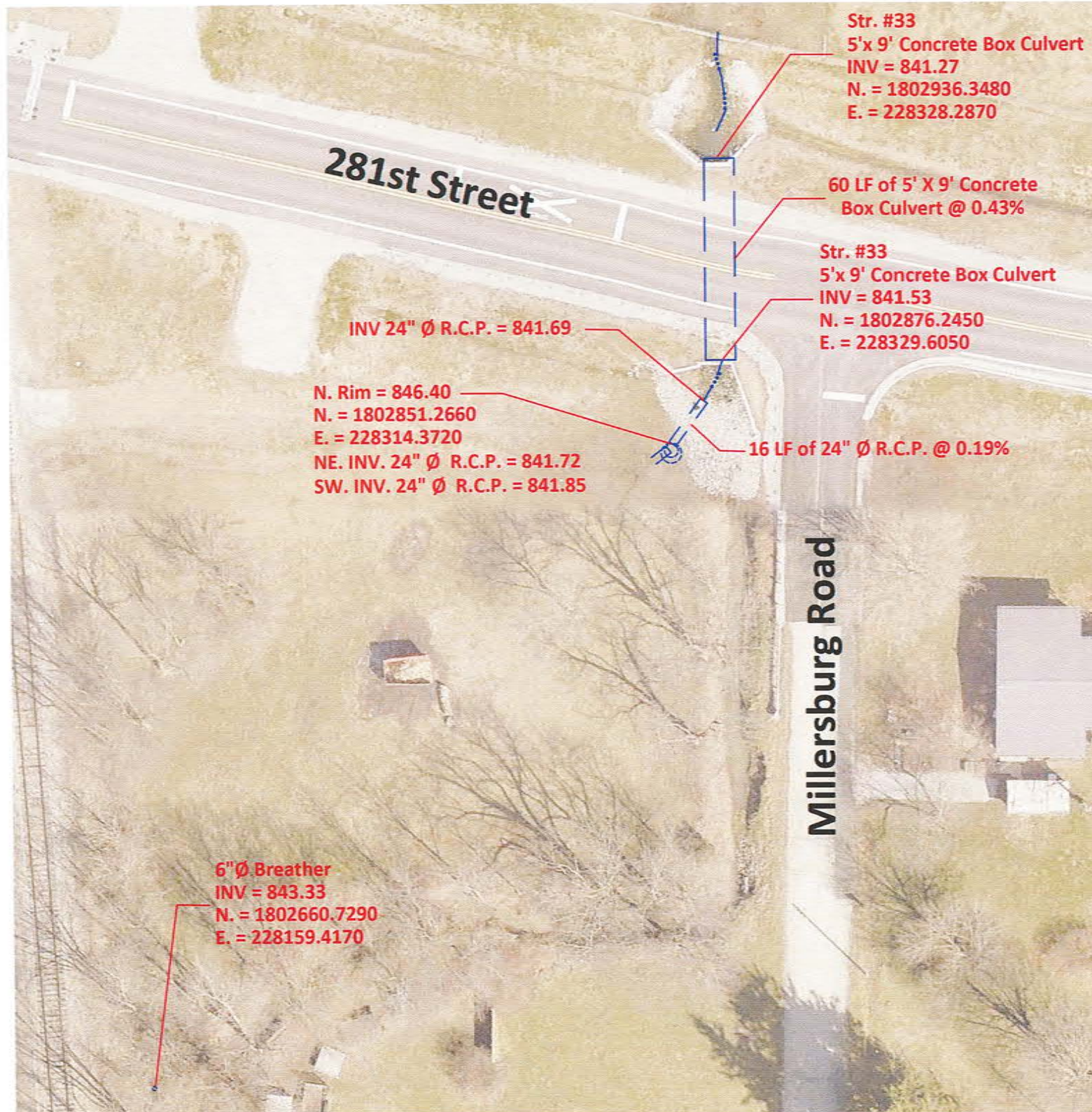
DATE: SEPTEMBER 30, 2021

THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY, OR SURVEYOR LOCATION REPORT



HAMILTON COUNTY, INDIANA
 HAMILTON COUNTY SURVEYOR'S OFFICE
 HAMILTON COUNTY GOVERNMENT AND JUDICIAL CENTER
 ONE HAMILTON COUNTY SQUARE, SUITE 188
 NOBLESVILLE, IN 46060
 PHONE: (317) 776-8495
 FAX: (317) 776-9628
 SURVEYOR@HAMILTONCOUNTY.IN.GOV

HAMILTON COUNTY SURVEYOR'S OFFICE
"AS-BUILT" RECORD DRAWING
H.A. MCMULLEN
REGULATED DRAIN



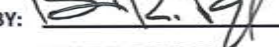
Scale: 1" = 40'

Drawn By: Teresa Dudley
 DATE: 9-7-2021

THE AS-BUILT SURVEY USED THE FOLLOWING DATUM:
 HORIZONTAL DATUM: NAD 1983 (CONUS) INDIANA EAST 1301
 VERTICAL DATUM: (NAVD 88) (GEOID 18)

"AS-BUILT" CERTIFICATION

"AS BUILT" INFORMATION COLLECTED BY HAMILTON COUNTY SURVEYOR'S OFFICE. I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF, A TRUE AND CORRECT REPRESENTATION OF THE LOCATIONS AND ELEVATIONS OF THE "AS-BUILT" REGULATED DRAIN IMPROVEMENTS. INFORMATION OBTAINED BY FIELD SURVEY ON 9/1/2021.

CERTIFIED BY: 
 BRIAN K. RAYL, PS
 PROFESSIONAL SURVEYOR
 INDIANA LICENSE NO. 20100070
 DATE: SEPTEMBER 30, 2021



THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY, OR SURVEYOR LOCATION REPORT EXISTING STRUCTURE NUMBERS FROM INDOT CONTRACT NUMBER R-39726



HAMILTON COUNTY, INDIANA
 HAMILTON COUNTY SURVEYOR'S OFFICE
 HAMILTON COUNTY GOVERNMENT AND JUDICIAL CENTER
 ONE HAMILTON COUNTY SQUARE, SUITE 188
 NOBLESVILLE, IN 46060
 PHONE: (317) 776-8495
 FAX: (317) 776-9628
 SURVEYOR@HAMILTONCOUNTY.IN.GOV