

# SURVEYOR'S OFFICE Hamilton County

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*Surveyor of Hamilton County*  
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*One Hamilton County Square*  
*Noblesville, Indiana 46060-2230*

August 20, 2018

To: Hamilton County Drainage Board

**RE: Williams Creek Drain, O.F. Henley Arm, 146<sup>th</sup> Street Improvements Project  
Reconstruction - Phase 2**

Attached are petition, plans, and other information for the proposed reconstruction of the O.F. Henley Arm of Williams Creek Drain, for the 146<sup>th</sup> Street Improvements from Ditch to Towne Road Project. The reconstruction was petitioned by the Hamilton County Highway Department. During the road improvement project construction, the O.F. Henley Arm, Williams Creek Drain, will be affected and those changes are as follows:

The project will reconstruct a portion of the O.F. Henley Arm from Sta. 7+24 to Sta. 13+70 per the original 1981 legal description and the Debbie Kitchens Relocation of the O.F. Henley Arm. The reconstruction will start at Sta. 7+24, which is the southern end of the Liberty Ridge Offsite Reconstruction of the O.F. Henley Arm and replace the existing 8" tile and 15" RCP with an open ditch, to Sta. 13+70, which is the beginning of Phase 1 of the 146<sup>th</sup> Street Improvements Project Reconstruction. The details of the 562 feet of open ditch are as shown in the plans for West 146<sup>th</sup> Street Expansion, designed by Beam, Longest, and Neff, LLC, dated September 2, 2016.

**Project Summary:**

The reconstructed regulated drain will consist of 562 feet of open ditch.

The total change to the Williams Creek Drain, O.F. Henley Arm length is a decrease of 84 feet due to a different alignment verse the original tile location.

The retention pond and dry basin on the south and north sides of 146<sup>th</sup> Street are not to be considered part of the regulated drain. Pond maintenance assumed by the Drainage Board shall only include the inlets and outlet as part of the regulated drain. The maintenance of the retention pond and basin, such as sediment removal and erosion control along the banks, mowing and aquatic vegetation maintenance and control will be the responsibility of the Hamilton County Highway Department. The Board will retain jurisdiction for ensuring the storage volume for which the pond was designed will be retained. Thereby, allowing no fill or easement encroachments.

The reconstruction is to be constructed by and paid by the Hamilton County Highway Department. Because the project is to be paid by the petitioner and is within the boundaries of the petitioner's property, the project falls under the requirements as set out in IC 36-9-27-52.5. Therefore, a noticed hearing is not required for the petition.

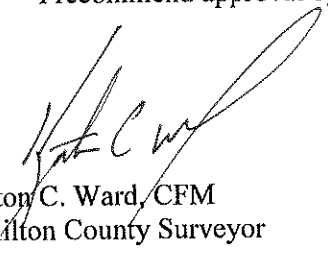
Since the petitioner is the Hamilton County Highway Department and is being performed under public bid process, no bond is required for the relocation/reconstruction work.

Work will be completed in the easement of the following parcels:

<u>Parcel</u>	<u>Owner</u>
146 <sup>th</sup> Street ROW	Hamilton County Highway Department

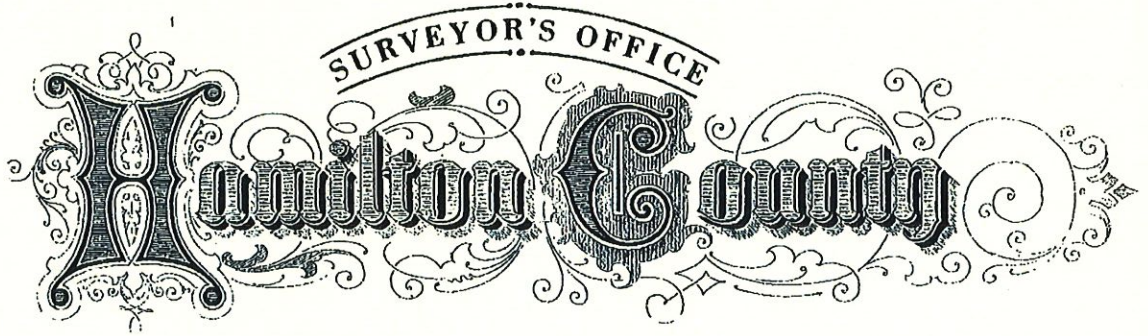
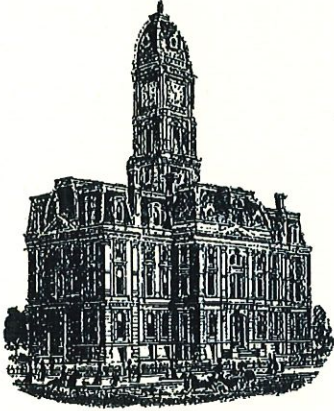
I believe this proposed drain meets the requirements for Urban Drain Classification as set out in IC 36-9-27-67 to 69. Therefore, this drain shall be designated as an Urban Drain.

I recommend approval by the Board at this time.



Kenton C. Ward, CFM  
Hamilton County Surveyor

KCW/pll



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**To: Hamilton County Drainage Board**

**January 18, 2019**

**Re: #315 O.F. Henley Drain: 146<sup>th</sup> Street Improvements Phase II**

Attached are as-built, and other information for the 146<sup>th</sup> Street Improvements Phase II. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

During construction, changes were made to the drain, which will alter the plans submitted with my report for this drain-dated August 20, 2018. The report was approved by the Board at the hearing held August 27, 2018. (See Drainage Board Minutes Book 18, Page 235) The changes are as follows: the open ditch was lengthened from 562 feet to 565 feet. The length of the drain due to the changes described above is now **565 feet**. The reconstruction removed 646 feet of existing tile. Therefore, the project removed 81 feet from the overall length of the drain.

All work was done within existing right of way and regulated drain easement. The project was paid for by the Hamilton County Highway Department. I recommend the Board approve the drain's construction as complete and acceptable.

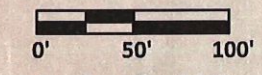
Sincerely,

Kenton C. Ward, CFM  
Hamilton County Surveyor

# HAMILTON COUNTY SURVEYOR'S OFFICE

## AS-BUILT RECORD DRAWING

### O.F. HENLEY



Scale: 1" = 100'

F.B. #10 Page 142,143  
 Drawn By: Steve Fesmire CST  
 DATE: 12-4-2018

#### DATUM

THE AS-BUILT SURVEY USED THE FOLLOWING DATUM:  
 HORIZONTAL DATUM: NAD 1983 (CONUS) INDIANA EAST 1301  
 VERTICAL DATUM: (NAVD 88) (GEOID 12A)

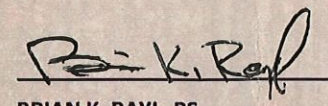
#### REFERENCE BENCHMARKS

INDOT CONTRACT R-36876 (WEST 146TH STREET EXPANSION)  
 TBM #307 RRS NORTH SIDE PWP #300-156, SOUTH SIDE 146TH ST.,  
 70' WEST OF MAILBOX #1611 EL. = 911.52 (NGVD 1929)

PROJECT BENCHMARK:  
 TBM #307 ELEV. = 911.09 (NAVD 88)  
 LOCAL BENCHMARK:  
 TBM #1: CUT BOX IN CONCRETE ON THE  
 N.E. CORNER HEADWALL SOUTH EAST SIDE  
 OF 146TH STREET ELEV. = 910.55

#### "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  
 12/04/2018 Field Book #10 Pages 142,143

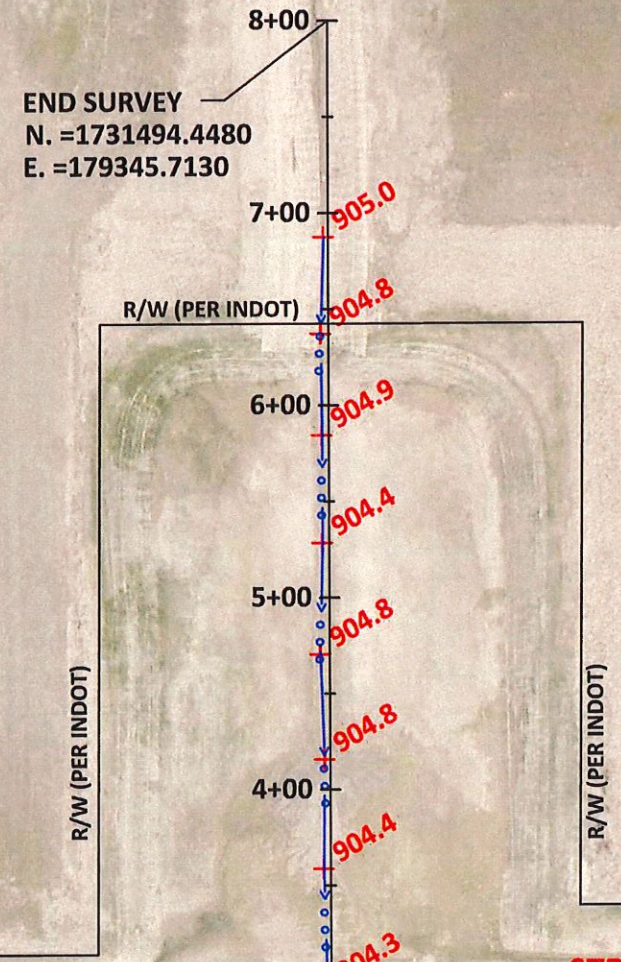
CERTIFIED BY: 

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

DATE: DECEMBER 26, 2018



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



**STR. NO. 44 (R-36876)**  
**182' L.F. of 63" x 93" R.C.P.**  
**Inv. N = 903.99' Sta. 2+82**  
**Inv. S = 903.61' Sta. 1+00**

### West 146th St Reconstructed

Section Corner  
 #18052003  
 Harrison set in concrete

Section Corner  
 #18052103  
 Harrison Set In Concrete

App. Exist. R/W (PER INDOT)

App. Exist. R/W (PER INDOT)

Prop. R/W  
 (PER INDOT)

Prop. R/W  
 (PER INDOT)

BEGIN SURVEY  
 N. = 1730694.4480  
 E. = 179345.7130



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