

SURVEYOR'S OFFICE Hamilton County

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

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

March 16, 2018

To: Hamilton County Drainage Board

Re: Williams Creek Drain, Wilshire Section 2 Arm

Attached is a petition filed by Steve A. Wilson, Inc., along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for the Wilshire Section 2 Arm, Williams Creek Drain to be located in Washington Township. I have reviewed the submittals and petition and have found each to be in proper form.

I have made a personal inspection of the land described in the petition. Upon doing so, I believe that the drain is practicable, will improve the public health, benefit a public highway, and be of public utility and that the costs, damages and expenses of the proposed drain will probably be less than the benefits accruing to the owners of land likely to be benefited. The drain will consist of the following:

12" RCP	664 ft.	21" RCP	206 ft.
15" RCP	561 ft.	24" RCP	197 ft.
18" RCP	354 ft.	6' SSD	6,980 ft.

The total length of the drain will be 8,962 feet.

The subsurface drains (SSD) to be part of the regulated drain are those located under the curbs and those main lines in rear yards. Only the main SSD lines which are located within the easement or right of way are to be maintained as regulated drain. Laterals for individual lots will not be considered part of the regulated drain. The portion of the SSD which will be regulated other than those under curbs are as follows:

Curbline SSD in Streets:

- Hush Hickory Bend
- Hidden Willow Court
- Cedar Grove Landing

Rear Yard SSDs:

- Rear yard lots 39 to 41 from Str. 442 running west to riser
- Rear yard lots 43 to 45 from Str. 442 running north to riser
- Rear yard lots 46 to 48 from Str. 448 running south east to riser
- Rear yard lots 49 to 51 from Str. 448 running north east to riser
- Rear yard lots 52 & 53 from Str. 451 running south to riser

Rear yard lots 54 to 59 from Str. 451 running north west to riser
Rear yard lots 60 & 61 from Str. 435A to Str. 459
Rear yard lots 62 to 64 from Str. 459 to Str. 460
Rear yard lots 65 & 66 from Str. 460 running east to riser
Rear yard lots 67 & 68 from Str. 456 running north west to riser
Rear yard lots 69 to 71 from Str. 456 to Str. 454
Rear yard lots 72 to 74 from Str. 454 to Str. 455
Rear yard lots 75 to 79 from Str. 455 to Str. 446
Rear yard lots 80 & 81 from Str. 446 running south to riser

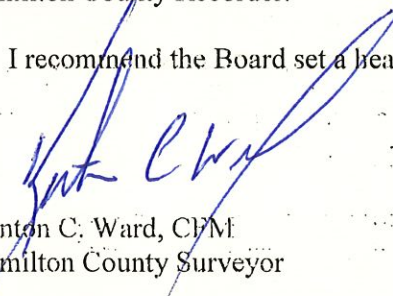
I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$65.00 per platted lot, \$10.00 per acre for common areas, with a \$65.00 minimum, and \$10.00 per acre for roadways. With this assessment the total annual assessment for this drain will be \$3,396.00.

In accordance with IC 36-7-4-709, the petitioner did not submit surety for the proposed drain prior to construction commencing. If the petitioner/developer wants to submit final secondary plat for recording prior to the final inspection and approved as-built drawings, a bond will be required at that time.

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 that upon approval of the above proposed drain that the Board also approve the attached non-enforcement requests. The request will be for the reduction of the regulated drain easement to those easement widths as shown on the secondary plats for Wilshire Section 2 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for May 29, 2018.



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/pll

STATE OF INDIANA)
)
COUNTY OF HAMILTON)

FILED
SEP 29 2017

TO: HAMILTON COUNTY DRAINAGE BOARD
% Hamilton County Surveyor
One Hamilton County Square, Suite 188
Noblesville, IN. 46060-2230

OFFICE OF HAMILTON COUNTY SURVEYOR

In the matter of Wilshire Subdivision, Section
2 Drain Petition.

Petitioner is the owner of all lots in the land affected by the proposed new regulated drain. The drainage will affect various lots in Wilshire, Section 2, a subdivision in Hamilton County, Indiana. The general route of such drainage shall be in existing easements and along public roads as shown in the plans on file in the Surveyor's Office.

Petitioner believes that the cost, damages and expenses of the proposed improvement will be less than the benefits which will result to the owners of the land likely to be benefited thereby. Petitioner believes the proposed improvements will:

- (a) improve public health
- (b) benefit a public street
- (c) be of public utility


Petitioner agrees to pay the cost of construction of the drainage system and requests periodic maintenance assessments by the Board thereafter.

The Petitioner also agrees to the following:

1. To provide the Drainage Board a Performance Bond or Non-Revocable Letter of Credit for the portion of the drainage system which will be made a regulated drain. The bond will be in the amount of 120% of the Engineer's estimate. The bond will be in effect until construction of 100% of the system is completed and so certified by the Engineer.
2. The Petitioner shall retain an Engineer throughout the construction phase. At completion of the project the Petitioner's Engineer shall certify that the drainage system which is to be maintained as a regulated drain has been constructed as per construction plans.
3. The Petitioner agrees to request in writing to the County Surveyor any changes from the approved plan and must receive written authorization from the County Surveyor prior to implementation of the change. All changes shall be documented and given to the Surveyor to be placed in the Drain file.
4. The Petitioner shall instruct his Engineer to provide a reproducible print on a 24" x 36" Mylar of the final design of the Drainage System. This shall be submitted to the County Surveyor prior to the release of the Performance Bond.
5. The Petitioner shall comply with the Erosion Control Plan as specified on the construction plans. Failure to comply with the Erosion Control Plan shall be determined by the Board as being an obstruction to the drainage system. The County Surveyor shall immediately install or repair the needed measures at Petitioners cost as per IC 36-9-27-46.

The Petitioner further requests that the Drain be classified as an Urban Drain as per IC 36-9-27-69(d).

RECORDED OWNER(S) OF LAND INVOLVED


Signed

Steven A. Wilson
Printed Name

September 29 2017
Date

Signed

Printed Name

Date

Signed

Printed Name

Date

Signed

Printed Name

Date

FINDINGS AND ORDER


CONCERNING THE MAINTENANCE OF THE

Williams Creek Drain, Wilshire Section 2 Arm

On this 29th day of May, 2018, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the *Williams Creek Drain, Wilshire Section 2 Arm*.

Evidence has been heard. Objections were presented and considered. The Board then adopted the original/amended Schedule of Assessments. The Board now finds that the annual maintenance assessment will be less than the benefits to the landowners and issues this order declaring that this Maintenance Fund be established.

HAMILTON COUNTY DRAINAGE BOARD




President

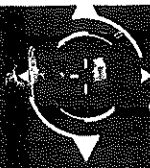


Member



Member

Attest: 
Executive Secretary



STOEPPELWERTH

ALWAYS ON

ofc: 317.849.5935
fax: 317.849.5942

7965 East 106th Street
Fishers, IN 46038-2505
www.stoepfelwerth.com

December 6, 2017

Westfield Public Works
2706 East 171st Street
Westfield, Indiana 46074

Attention: Mr. John Rankin

Re: Wilshire, Section 2

Dear Mr. Rankin:

On behalf of the developer SAW Development, please accept this Engineer's Estimate for Wilshire, Section 2. The estimate is as follows:

ITEM	QUANTITY	UNIT	UNIT COST	TOTAL
EROSION CONTROL				
<i>Front Yard Silt Fence</i>	3,840	LF	\$1.60	\$6,144.00
<i>Swale Silt Fence</i>	1,850	LF	\$1.60	\$2,960.00
<i>Area Inlet Protection</i>	12	EA	\$80.00	\$960.00
<i>Curb Inlet Protection</i>	17	EA	\$190.00	\$3,230.00
<i>Temporary Seeding with Mulch</i>	11	AC	\$1,459.10	\$16,050.00
<i>Permanent Seeding with Mulch</i>	20,650	SY	\$0.60	\$12,390.00
<i>Erosion Blanket with Seed</i>	2,350	SY	\$1.50	\$3,525.00
<i>Temporary Drive</i>	1	LS	\$6,830.00	\$6,830.00
EARTHWORK				
<i>Mass Excavation</i>	3,200	CY	\$5.05	\$16,160.00
<i>Finish Grading</i>	10,250	SY	\$2.20	\$22,550.00
SANITARY SEWER				
<i>8" SDR-35 Main</i>	1,704	LF	\$29.25	\$49,842.00
<i>8" x 6" Tee Wye</i>	43	EA	\$175.00	\$7,525.00

LAND DEVELOPMENT SUPPORT SOLUTIONS

ENGINEERING | SURVEYING

<i>Standard Manholes</i>	8	EA	\$3,031.00	\$24,248.00
<i>6" Cleanout</i>	30	EA	\$425.00	\$12,750.00
<i>6" SDR-35 Lateral</i>	3,160	LF	\$14.25	\$45,030.00
<i>Main Backfill</i>	170	TN	\$20.30	\$3,451.00
<i>Lateral Backfill</i>	1,260	TN	\$20.30	\$25,578.00

STORM SEWERS

<i>12" RCP</i>	660	LF	\$27.20	\$17,952.00
<i>15" RCP</i>	380	LF	\$30.80	\$11,704.00
<i>18" RCP</i>	325	LF	\$35.40	\$11,505.00
<i>Curb Inlet in Manhole</i>	1	EA	\$2,110.00	\$2,110.00
<i>Ditch Inlet</i>	2	EA	\$1,530.00	\$3,060.00
<i>Ditch Inlet in Manhole</i>	3	EA	\$2,050.00	\$6,150.00
<i>Double Curb Inlet</i>	3	EA	\$2,850.00	\$8,550.00
<i>Fill Sand Backfill</i>	50	TN	\$20.50	\$1,025.00
<i>Concrete Cradle</i>	2	CY	\$225.00	\$450.00

SUB-SURFACE DRAINS

<i>Street SSD, 6"</i>	3,680	LF	\$9.25	\$34,040.00
<i>Swale SSD, 6"</i>	3,230	LF	\$9.50	\$30,685.00
<i>4 Inch Lot Services</i>	40	EA	\$75.00	\$3,000.00
<i>Cleanouts</i>	16	EA	\$195.00	\$3,120.00
<i>Core Existing Structure</i>	14	EA	\$250.00	\$3,500.00

WATER LINES

<i>3" HDPE</i>	230	LF	\$14.40	\$3,312.00
<i>8" C-900</i>	1,900	LF	\$29.30	\$55,670.00
<i>8" Gate Valve</i>	2	EA	\$1,405.00	\$2,810.00
<i>Fire Hydrants</i>	7	EA	\$4,390.00	\$30,730.00
<i>Main Backfill</i>	62	TN	\$23.00	\$1,426.00
<i>Hidden Flush Hydrant on 3"</i>	1	EA	\$682.00	\$682.00
<i>1" Water Service Lines</i>	1,600	LF	\$8.55	\$13,680.00
<i>Meter Pits</i>	48	EA	\$795.00	\$38,160.00
<i>Service Line Backfill</i>	160	TN	\$21.00	\$3,360.00



STREETS

<i>Common Walk</i>	160	SY	\$63.25	\$10,120.00
<i>Lime Stabilized Subgrade</i>	7,750	SY	\$5.10	\$39,525.00
<i>2' Roll Curb</i>	3,660	LF	\$9.35	\$34,221.00
<i>On-site Street Pavement</i>	1	LS	\$154,118.00	\$154,118.00
<i>6" Asphalt Path</i>	1	LS	\$21,450.00	\$21,450.00
GRAND TOTAL				\$805,338.00

If you have any questions, please give Brian K. Robinson a call at (317) 570-4763.

Very truly yours,

STOEPPELWERTH & ASSOCIATES, INC.


David J. Stoeppelwerth

Cc: Steve Wilson

BKR/meb

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BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF

Williams Creek Drain, Wilshire Section 2 Arm

NOTICE

To Whom It May Concern and: _____

Notice is hereby given of the hearing of the Hamilton County Drainage Board on the **Williams Creek Drain, Wilshire Section 2 Arm** on **May 29, 2018** at **9:00 A.M.** in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana, and which construction and maintenance reports of the Surveyor and the Schedule of Assessments made by the Drainage Board have been filed and are available for public inspection in the office of the Hamilton County Surveyor.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF THE

Williams Creek Drain, Wilshire Section 2 Arm

NOTICE

Notice is hereby given pursuant to Section 405 of the 1965 Indiana Drainage Code that this Board, prior to final adjournment on **May 29, 2018** has issued an order adopting the Schedule of Assessments, filed the same and made public announcement thereof at the hearing and ordered publication. If judicial review of the findings and order of the Board is not requested pursuant to Article Eight of this code within twenty (20) days from the date of this publication, the order shall be conclusive.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY