

SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, CFM
Surveyor of Hamilton County
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Suite 188
One Hamilton County Square
Noblesville, Indiana 46060-2230

November 14, 2016

To: Hamilton County Drainage Board

Re: Reconstruction of a portion of the Section 1 Arm of the Anchorage Regulated Drain

Attached is a drain map and petition for the re-construction of a portion of the Anchorage Regulated Drain in the Anchorage Subdivision. The portion of the regulated drain to be reconstructed is located in Fall Creek Township, Section 10, Township 17 North, Range 5 East.

History

The Section 1 Arm of the Anchorage Regulated Drain was constructed in 1991. The portion of the drain to be reconstructed is presently a 6" SSD installed in 1991. Approval for maintenance of the Section 1 Arm of the Anchorage Drain was granted by the Drainage Board on June 17, 1991 (see Hamilton County Drainage Board Minutes Book 2, page 538)

There is a chronic issue of standing water at the rear of Lots 4 and 5 from water draining from the Brooks School Road right-of-way. There are two complaints on file for the area of standing water on Lot 4. The first complaint was filed by Mr. William Hanley on April 2, 2012. The second complaint was filed by Mr. William Hanley on June 26, 2015.

Work Order WO-2012-00125 was issued on April 4, 2012 and closed on January 11, 2013. The work included the installation of a new surface drainage inlet to the SSD on Lot 4 as well as connection of the SSD to a positive outfall which apparently had not been completed during the initial installation of the SSD in 1991. The existing 6" SSD was repaired as needed. The spot repair work totaled 168-LF.

A drainage investigation was completed on June 29, 2015 in response to the complaint received on June 26, 2015. The existing SSD was found to be functioning at the location of the complaint and the complaint was closed on July 7, 2015.

On April 8th, 2016, the City of Fishers filed a petition for reconstruction of the SSD. The petition was presented to the Board on April 25th, 2016 (see Hamilton County Drainage Board Minutes Book 16, page 536).

Project Description

The project includes the installation of 402-LF of 15" RCP, 3 manholes and ancillary/incidental construction. The reconstruction project will reconstruct 249-LF of the existing drain, construct 153-LF of drain off the current alignment of the existing drain and abandon 167-LF of the existing drain in place.

The intent of the design is to replace the existing 6" SSD with a larger diameter pipe and drainage inlets to facilitate drainage of surface runoff. The existing 6" SSD is connected to a structure at the southeast corner of Lot 6 (identified as Structure 8918 on the Construction Plans). This Structure is drained by a 15-inch reinforced concrete pipe. It was decided to replace the 6" SSD with as large a pipe as possible; which in this case is a 15-inch pipe. Three new manholes (Structures 1, 2 and 3 on the Construction Plans) are proposed where the new pipe changes alignment to follow the property lines and remain within the existing easement. Manholes are proposed due to the proposed depth of the new pipe. The new pipe does not follow the exact alignment of the existing 6" SSD along the Lot 5/Lot 6 property line due to existing utility riser boxes near the roadway and existing mature trees at the rear of Lot 6. The project will replace the existing inlet to the 6" SSD at the rear of Lot 4 with a full structure (Structure No. 3) with a beehive casting to better intercept the runoff from the Brooks School Road right-of-way. During rain events where the capacity of the new pipe is exceeded, runoff will continue to drain in the overland swale along the rear of Lots 4 and 5 and between Lots 5 and 6.

The existing 6" SSD south and west of the inlet to the 6" SSD on Lot 4 will be connected to the new Structure on Lot 4 (Structure No.3). The portion of the existing 167 feet of 6" SSD that runs along the property line of Lots 5 and 6 will remain in place and be connected to Structure No.2 to ensure that any existing roof drains and/or sump lines connected to the existing 6" SSD maintain a positive outlet. However, this portion of the SSD will no longer be regulated drain.

Easements

No additional easements are required for the project. The new drain will be constructed in existing platted drainage and drainage and utility easements. The easements per the plat for the Anchorage, as recorded in the office of the Hamilton County Recorder as Instrument No. 9117550, P.C. No. 1, Slide No. 173, that will be utilized are as follows:

- Variable Width D & UE on the southeast side of Lot 6
- 15' DE on the southwest side of Lot 6
- 25' D & UE on the southeast side of Lot 5
- 15' DE on the northeast side of Lot 5
- 25' DE on the northwest side of Lots 4, 5 and 6

Permits

No permits from Federal or State Agencies are required for this project.

Project Cost

On October 24, 2016 the Board opened bids for the proposed reconstruction. At that time two bids were received and opened. Those were as follows:

Morphey Construction, Inc.	\$51,562.00
Monroe, LLC	\$68,500.00

Using the low bid of \$51,562.00, plus adding a 15% contingency of surveying, engineering, \$7,734.30 the total construction cost will be \$59,296.30. Engineering, construction staking and asbuilt drawings have been and will be done in house by the Surveyor's Office.

Project Funding

Upon review of the parcels within the drainage shed, I believe that that the City of Fishers should pay half of the cost of the project due to the amount of surface water draining from Brooks School Road. This amount would be \$29,648.15. Presently, the maintenance fund balance for the Anchorage Drain is \$12,920.44. Per IC 36-9-27-45.5 the Board may utilize 75% of this fund for the work which would be \$9,690.33. I recommend that the remaining balance of \$19,957.82 be taken out of the General Drain Improvement Fund and paid back from the increased drainage assessments as outlined below at a rate of \$4,878.96 over the next five years assessments beginning in 2017. This approach would negate the need for a reconstruction assessment on the residents of the Anchorage for this project.

I believe no damages will result to the landowners. Damages are set at zero (0).

Changes to the Drain

The drain currently consists of 2,664-LF of pipe of various sizes. The length of SSD will be reduced by 416-LF and the length of 15" RCP increased by 402-LF. The total length of the drain will be shortened by 14-feet with this project for a total length of 4,557-LF.

Maintenance of Drain

The Anchorage Drainage shed consists of 21.93 acres and 70 lots. At the September 26, 2016 Board meeting the Board increased the maintenance assessment rates to the following:

Maintenance assessment for platted lots within subdivisions be set at \$65.00 per lot/minimum. Common areas set at \$10.00 per acre with a \$65.00 minimum.

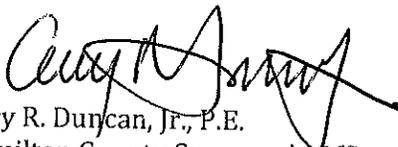
Maintenance assessment for roads and streets be set at \$15.00 per acre.

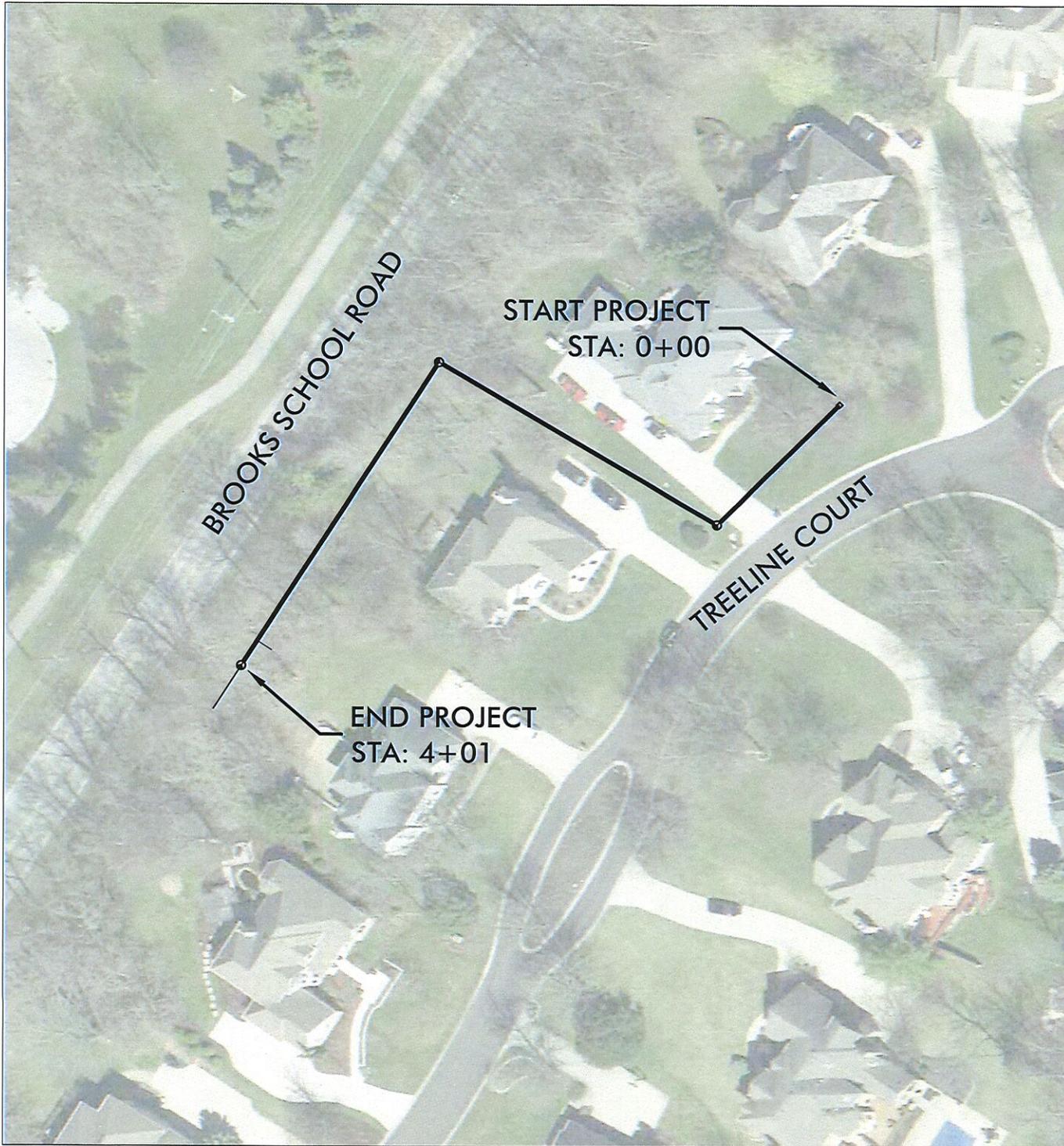
With the above rates, the drain will collect \$4,878.96 annually. Collections at the revised rates shall begin in May of 2017.

The collection period was also increased from 4 times the annual assessment to 8 times the annual assessment as allowed under IC-36-9-27-43.

I recommend that the Board set a hearing for this proposal for December 21, 2016.

Sincerely,


Gary R. Duncan, Jr., P.E.
Hamilton County Surveyor's Office



BROOKS SCHOOL ROAD

START PROJECT
STA: 0+00

TREELINE COURT

END PROJECT
STA: 4+01

Anchorage Drain #246

Reconstruct 249' of existing drain & construct 153' off current alignment of existing drain. Abandon 167' of existing drain. Will reduce overall footage by 14'. Construction will impact Lot 4 owned by William Jr. & Deborah Hanley, Lot 5 owned by Sandra Clevenger and Lot 6 owned by Douglas Dwyer.

Cost estimate: \$59,296.30

*City of Fishers to pay half, use 75% of mnt fund, remaining to be paid back with future years maintenance collections.

*No change in current maintenance assessment approved at the 09/26/16 rate increase hearing.

Hearing: 12/21/16

Parcel	Owner	Desc	Rate	Ben	Mnt Asmt	% of Total	Rec Asmt
13-15-10-00-04-068.000	Alexy, Ryan D & Kiley A	S10 T17 R5 The Anchorage Lot 68,Pt 67	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-064.000	Allen, Andrew T & Kristin E	S10 T17 R5 The Anchorage Lot 64	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-070.000	Anchorage Homeowners Assn Inc	S10 T17 R5 The Anchorage Blk A	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-071.000	Anchorage Homeowners Assn Inc	S10 T17 R5 The Anchorage 5.82Ac	Road	17.46	\$261.90	5.37%	*
13-15-10-00-04-053.000	Big Picture Properties LLC	S10 T17 R5 The Anchorage Lot 53	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-062.000	Bortenschlager, Lawrence J & Michelle L	S10 T17 R5 The Anchorage Lot 62	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-047.000	Boyd, David L & Karen S	S10 T17 R5 The Anchorage Lot 47	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-017.000	Broom, Benjamin B & Amy Armstrong Broom	S10 T17 R5 The Anchorage Lot 17	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-061.000	Cefali, F Cameron & Robyn E	S10 T17 R5 The Anchorage Lot 61	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-005.000	Clevenger, Sandra K	S10 T17 R5 The Anchorage Lot 5	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-011.000	Coble, Michael R & Cecilia C	S10 T17 R5 The Anchorage Lot 11	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-049.000	Courtney, Timothy & Kathleen J	S10 T17 R5 The Anchorage Lot 49	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-052.000	Cox, Raymond M	S10 T17 R5 The Anchorage Lot 52	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-006.000	Dwyer, Douglas E	S10 T17 R5 The Anchorage Lot 6	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-033.000	Elward, Patrick A & F Ellen	S10 T17 R5 The Anchorage Lot 33	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-019.000	Farley, Blaine & Rebecca	S10 T17 R5 The Anchorage Lot 19	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-043.000	Ferguson, Jeffrey A & Cheryl F	S10 T17 R5 The Anchorage Lot 43	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-024.000	Fields, Michael R & Tobi A	S10 T17 R5 The Anchorage Lot 24	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-037.000	Golla, Hari & Meetu	S10 T17 R5 The Anchorage Lot 37	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-063.000	Groh, Richard D & Judith Ann	S10 T17 R5 The Anchorage Lot 63	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-067.000	Guillaume, Andre Robert	S10 T17 R5 The Anchorage Lot Pt 67	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-020.000	Gustashaw, William E & Nancy D	S10 T17 R5 The Anchorage Lot 20	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-004.000	Hanley, William J Jr & Deborah K	S10 T17 R5 The Anchorage Lot 4	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-002.000	Hedegard, Andrew & Patricia	S10 T17 R5 The Anchorage Lot 2	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-039.000	Hilgendorf, David W & Debra K	S10 T17 R5 The Anchorage Lot 39	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-012.000	Hinds, Ryan P & Elizabeth M	S10 T17 R5 The Anchorage Lot 12	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-040.000	Hoover, Brian R & Lisa A	S10 T17 R5 The Anchorage Lot 40	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-057.000	Houterloot, Timothy & Lisa	S10 T17 R5 The Anchorage Lot 57	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-069.000	Iden, Steven J & Jo Ann	S10 T17 R5 The Anchorage Lot 69	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-032.000	Irrevocable Trust Agreement No. 10 fbo Dylan D New	S10 T17 R5 The Anchorage Lot 32	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-027.000	Jansen, Jon J & Noel	S10 T17 R5 The Anchorage Lot 27	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-009.000	Johnson, F Bradford & Trudy L	S10 T17 R5 The Anchorage Lot 9	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-013.000	Johnson, Todd S & Regina Marie	S10 T17 R5 The Anchorage Lot 13	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-021.000	Jones, Michael J & Ellen E	S10 T17 R5 The Anchorage Lot 21	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-050.000	Kiernan, James E	S10 T17 R5 The Anchorage Lot 50	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-018.000	Kilander, Michael L & Linda Lucas Kilander	S10 T17 R5 The Anchorage Lot 18	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-034.000	Klink, Doug & Cathy	S10 T17 R5 The Anchorage Lot 34	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-007.000	Knafel, Melissa L	S10 T17 R5 The Anchorage Lot 7	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-060.000	Krauter, Erick A & Haleh R	S10 T17 R5 The Anchorage Lot 60	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-038.000	Larson, Robert G Trustee of Robert G Larson Lvg Trust	S10 T17 R5 The Anchorage Lot 38	Regulated Subd	One Lot	\$65.00	1.33%	*

Parcel	Owner	Desc	Rate	Ben	Mnt Asmt	% of Total	Rec Asmt
13-15-10-00-04-008.000	Lewis, Nicholas P & Maura E h&w	S10 T17 R5 The Anchorage Lot 8	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-003.000	Macauley, Daniel W & Lisa L Condit jtrs	S10 T17 R5 The Anchorage Lot 3	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-023.000	McKinnie, Walter Jr & Marian C	S10 T17 R5 The Anchorage Lot 23	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-065.000	Miramonti, Robert C & Mary Ann	S10 T17 R5 The Anchorage Lot 65	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-059.000	Moheban, Jeffrey & Erin	S10 T17 R5 The Anchorage Lot 59	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-044.000	Nelson, Gary D & Carol L	S10 T17 R5 The Anchorage Lot 44	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-055.000	Parker, Cary D & Tami J h&w	S10 T17 R5 The Anchorage Lot 55	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-001.000	Patterson, Matthew A & Kari L	S10 T17 R5 The Anchorage Lot 1	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-054.000	Ratliff, Tony L & Kathleen S	S10 T17 R5 The Anchorage Lot 54	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-051.000	Reynolds, David & Amy	S10 T17 R5 The Anchorage Lot 51	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-056.000	Roach, Troy Anthony & April Star Roach h&w	S10 T17 R5 The Anchorage Lot 56	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-016.000	Saferight, Gary E & Jeanne	S10 T17 R5 The Anchorage Lot 16	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-022.000	Scheele, Jonathan Christopher & Katherine E	S10 T17 R5 The Anchorage Lot 22	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-066.000	Shelby, Steven W & Carolyn N	S10 T17 R5 The Anchorage Lot 66	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-010.000	Small, Arthur & Lynette h&w	S10 T17 R5 The Anchorage Lot 10	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-031.000	Stepien, Zygmunt & Monika	S10 T17 R5 The Anchorage Lot 31	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-029.000	Stepien, Zygmunt & Monika M	S10 T17 R5 The Anchorage Lot 29	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-030.000	Stepien, Zygmunt & Monika M	S10 T17 R5 The Anchorage Lot 30	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-028.000	Stoosky, Kenneth R & Michele R	S10 T17 R5 The Anchorage Lot 28	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-035.000	Striebel, R Douglas	S10 T17 R5 The Anchorage Lot 35	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-036.000	Striebel, R Douglas	S10 T17 R5 The Anchorage Lot 36	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-042.000	Summerlin, J Donald & Nancy	S10 T17 R5 The Anchorage Lot 42	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-041.000	Summerlin, J Donald & Nancy J	S10 T17 R5 The Anchorage Lot 41	Regulated Subd	One Lot	\$65.00	1.33%	*
99-99-99-99-999.007	Town Of Fishers	S10 T17 R5 Brooks School Rd	Road	4.47	\$67.06	1.37%	*
13-15-10-00-04-045.000	Troyer, Glenn T & Cheryl L	S10 T17 R5 The Anchorage Lot 45	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-046.000	Turi, Thomas & Barbara	S10 T17 R5 The Anchorage Lot 46	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-058.000	Washburn, Carl & Debbie	S10 T17 R5 The Anchorage Lot 58	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-048.000	Whited, John Michael & Katherine Leithia Whited	S10 T17 R5 The Anchorage Lot 48	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-025.000	Widdis, Todd & Coleen E	S10 T17 R5 The Anchorage Lot 25	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-014.000	Williams, Eric W & Patricia A	S10 T17 R5 The Anchorage Lot 14	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-015.000	Williams, Jeffrey & Erin L	S10 T17 R5 The Anchorage Lot 15	Regulated Subd	One Lot	\$65.00	1.33%	*
13-15-10-00-04-026.000	Wyse, W Matthew & Molly A	S10 T17 R5 The Anchorage Lot 26	Regulated Subd	One Lot	\$65.00	1.33%	*
Parcels: 72		Totals:		21.93 70 lots	No change in current asmt.	100.0%	

FILED

APR 08 2016

To: Hamilton County Drainage Board

Re: In the matter of the Anchorage Drain Petition

OFFICE OF HAMILTON COUNTY SURVEYOR

Comes now the undersigned individuals, who petition the Hamilton County Drainage Board, per IC 36-9-27, for the reconstruction of the above referenced regulated drain. The undersigned believe the following:

1. They are owners of ten percent (10%) in acreage or more of land area alleged by the petition to be affected by the drain.
2. That as property owners within the drainage shed, they are qualified petitioners.
3. That they now desire that a regulated drain be reconstructed in Fall Creek Township.
4. The names and address of each owner affected by the proposed public drainage are attached hereto, made a part hereof, and marked Exhibit "A", which area of land involved in the proposed drainage area is located in section 10, township 17 north, range 5 east, Hamilton County, Indiana.
5. That the proposed reconstruction consists of the extension of the 16" RCP storm sewer on Treeline Court in front of Lot 6 of the Anchorage to the rear yard of Lot 4 of the Anchorage.
6. That in the opinion of the Petitioner, the costs, damages, and expenses of the proposed improvement will be less than the benefits which will result to the owners of the land to be benefited thereby.
7. That in the opinion of the Petitioner, the proposed improvement will improve the public health; benefit a public highway; and be of public utility.
8. That Petitioners shall pay the cost of notice and all legal costs including engineering expense if the petition is dismissed.
9. Petitioners shall post a bond, if required, to pay the cost of notice and all legal costs in the case the improvement is not established.

Signature	Printed Name	Printed Address
<i>Patricia A. Williams</i>	Patricia A. Williams	10336 Treeline Ct. Fishers, IN 46037
<i>Eric W. Hill</i>	Eric W. Hill	10336 Treeline Ct. Fishers,
<i>Top Stroman</i>	Top Stroman	10346 Treeline Ct
<i>Tom Tom</i>	Tom Tom	10215 Summerlin way
<i>Robyn Cefali</i>	Robyn Cefali	10200 Summerlin
<i>Cheryl Teyer</i>	Cheryl Teyer	10205 Summerlin way
<i>JACK</i>	JACK	10169 Summerlin way
<i>Ryan Hinds</i>	Ryan Hinds	10366 Treeline Ct
<i>Lynette Small</i>	Lynette Small	10396 Treeline Ct, Fishers, IN
<i>B. Brown</i>	B. Brown	10387 Treeline Ct 46037
<i>Jeanne S. flight</i>	Jeanne S. flight	10306 Treeline Ct. 46037
<i>Scott Fordness</i>	Scott Fordness, Mayor	1 Municipal Drive, Fishers, IN 46038
	City of Fishers	