

SURVEYOR'S OFFICE

Hamilton County

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March 23, 2018

To: Hamilton County Drainage Board

Re: **JJ Billhymer Drain Reconstruction**

Attached are a petition, plans, specifications, drain map, drainage-shed map, and schedule of assessments for the reconstruction of the JJ Billhymer Drain.

The drain is located in Section 2, 3 and 10 of Township 20 North, Range 5 East in White River Township and is part of the Duck Creek Drainage Area. The drain discharges to the West Bear Creek Drain south of 281st Street.

The JJ Billhymer Drain is in need of reconstruction at this time due to the existing tile being undersized to adequately serve the watershed and due to the conditions of the tile having deteriorated beyond the practicality of normal routine maintenance. The drain is listed as number 13 on the 2017 Drain Classification List.

A petition for reconstruction, dated December 23, 2014, is on file with the Hamilton County Surveyors Office. The petition was signed by four landowners representing 28.36% of the acreage of the watershed.

History:

The JW Morrison Drain was petitioned to become a regulated drain on June 7th, 1880. The petition lists the length of the open drain to be 10,500-feet. The petition indicates that the drain crosses the following lands:

Joseph Porter	2,065-feet
William Porter	55-feet
J.W. Morrison	1,460-feet
Clarence Colip	2,310-feet

S Porter	2,760-feet
Jim Sucock	550-feet
Newton Carrol	1,300-feet

The JJ Billhymer Drain was stated as being complete in a Final Report of Reviewers dated July 1, 1903. The report states that the drain consists of a main drain and four arms with a total length of 9,825-feet. The JJ Billhymer Drain was constructed by order of the Hamilton County Commissioners in 1902. A Viewers Report dated April 16th, 1902 states that "that the proposed drain does not conform to the depth, fall, or course of an old, open drain but 1910-feet of said proposed main drain is new cut, together with four (4) arms with a total length of 1407-feet new cut, making-3317 feet of new ditch not in the line of said old open drain nor connected with it; and said old open drain was 10,500-feet in length, while the proposed main drain as reported by the viewers is 7,855-feet in length.". This Report indicates that the drain consists of the following:

1. A main drain 7,855-feet in length consisting of 1 row of 14-inch tile from Stake 0+00 to Stake 8+70; 1 row of 15-inch tile from Stake 8+70 to Stake 34+10; 1 row of 16-inch tile from Stake 34+10 to Stake 59+00; and 1 row of 18-inch tile from Stake 59+00 to the final Stake of 78+55 and a stone retaining wall at Stake 78+55 with dimensions of 2' X 5' X 16'.
2. An Arm No. 1 500-feet in length consisting of 1 row of 10-inch tile terminating at the main ditch at Stake 22+35.
3. An Arm No. 2 470-feet in length consisting of 1 row of 10-inch tile terminating at the main ditch at Stake 35+85.
4. An Arm No. 3 940-feet in length consisting of 1 row of 12-inch tile terminating at the main ditch at Stake 59+10.
5. An Arm No. 4 60-feet in length consisting of 1 row of 12-inch tile terminating at the main ditch at Stake 61+00.

The JJ Billhymer Drain did not include the entire length of the JW Morrison Drain. The JJ Billhymer Drain started at approximately the southern limit of the Josphe Porter property. As such, approximately 2,065-feet of the JW Morrison Drain was not included in the construction of the JJ Billhymer Drain.

The JJ Billhymer Drain generally followed the alignment of the JW Morrison Drain, but not along the entire length. As stated, there was approximately 1,910-feet of new cut associated with the Billhymer Drain representing that amount of tile that was installed outside the limits of the JW Morrison Drain. The report lists the four arms as having a total length of 1,970-feet and that the construction of the four arms include 1,407-feet of new cut. As such, 563-feet of the new

arms were along the alignment of the JW Morrison Drain. The report is not specific as to where the new cuts associated with the main drain and the arms occurred.

At the meeting of the Drainage Board on March 4, 1968, Lowell Achenbach presented to the board that water constantly stands on his fields, while the water drains off on the surrounding farms. [See Hamilton County Drainage Board Minutes Book 1, page 26]

At the meeting of the Drainage Board on April 7, 1969, the surveyor presented a maintenance report and map of the JJ Billhymer Drain to the Board. The report indicates that the drain consisted of 9,762-feet of tile. A maintenance assessment in the amount of 50-cents per acre and a minimum of \$3.00 on each plot less than 6 acres was proposed. [See Hamilton County Drainage Board Minutes Book 1, page 39]

At the meeting of the Drainage Board on June 2, 1969, a public hearing regarding the maintenance assessment was held and the maintenance assessment was approved at 50-cents per acre. [See Hamilton County Drainage Board Minutes Book 1, page 42]

At the meeting of the Drainage Board on July 4, 1969, the certificate of assessments for Annual Maintenance for the JJ Billhymer Drain was signed by the Drainage Board and ordered to be certified to the county Auditor for collection. [See Hamilton County Drainage Board Minutes Book 1, page 43]

At the meeting of the Drainage Board on July 17, 1972, the surveyor reported to the Board that Lester Carroll has changed his suggestion for repair of the Billhymer Drain to put a header where the tile is broken and leave the drain open from there to the terminus. The Board agreed that this should be a less expensive method but that the open ditch must be seeded. [See Hamilton County Drainage Board Minutes Book 1, page 87]. It is not certain if this repair was made as the drain remains a tile along its entire length.

At the meeting of the Drainage Board on October 21, 1974, a letter that was submitted to the Board suggesting a hearing be set for needed repairs was entered in to the record. [See Hamilton County Drainage Board Minutes Book 1, page 133].

At the meeting of the Drainage Board on June 26, 2006, the current assessment for the J.J. Billhymer Drain was approved. [See Hamilton County Drainage Board Minutes Book 9, pages 301-302]

An August 22, 2012 report to the Drainage Board regarding the Bear Creek Drainage Area presented to the Board at the meeting of October 12, 2012, states that the JJ Billhymer Drain was constructed by order of the Hamilton County Commissioners in 1902, that the drain is 9,825-feet in length and that the drain was placed on maintenance on July 2, 1969. At the October 12, 2012 meeting, the JJ Billhymer

Drainage Area was made part of the Bear Creek Drainage Area. [See Hamilton County Drainage Board Minutes Book 14, page 334-344]

At the meeting of the Drainage Board on November 24, 2014, the Bear Creek Drainage Area was made part of the Duck Creek Drainage Area. [See Hamilton County Drainage Board Minutes Book 16, pages 40-49]

A public information meeting was held on February 21st, 2018 at the White River Township Community Center. Notices of the meeting were sent to all property owners within the JJ Billhymer Watershed. The following persons were in attendance:

Eddie Achenbach
Jerry Hunter
Bret Henderson
John Kane
John Muller
Charles King
Brad Henderson
Thomas Webb
Leo Shaw
Dana Rich
Beverly Carter
John Henderson
Marina King
Jamie Rulon
Mike House
Marcia House
Janet Shaw
Phil Henderson

GASB 34 Footages for Historical Cost Drain Length Log lists the following for the JJ Billhymer Drain:

Main Drain

14-inch tile = 870-feet in length (Viewer's Report)
15-inch tile = 2540-feet in length (Viewer's Report)
16-inch tile = 2490-feet in length (Viewer's Report)
18-inch tile = 1955-feet in length (Viewer's Report)
Total = 7855-feet

Four (4) Arms

Arm 1 - 10-inch tile = 500-feet in length
Arm 2 - 10-inch tile = 470-feet in length
Arm 3 - 12-inch tile = 940-feet in length
Arm 4 - 12-inch tile = 60-feet in length
Total = 1970-feet

Total of Main & Arms = 9825-feet

Current Condition of the Drain:

The drain functions but is undersized by today's standards and a majority of the properties served by the drain have standing water issues that affect crop production.

Water ponds on the surface on the Achenbach property north of 286th Street, on the Porter property south of 286th Street, in portions of the town of Omega, on the Porter property north of 281st Street, and on the properties south of 281st Street.

Based on maintenance records and a search of the current County database for drainage complaints and work orders, there have been 48 work orders on the drain since 1975 and 21 drainage complaints since 2003. There were 27 Work Orders between 1975 and 1999 and 21 Work Orders between 2003 and 2018. The value of the work orders from 2003 to 2018 is \$137,333.34. The Drainage Complaints and Work Orders since 2003 are listed below.

Drainage Complaints

Job #	Issue	Requested By	Location
2003-14	Water boiling out of ground during rain events	John Ward	North of 286 th St & West of SR 213
2003-30	Water not draining away	Tammy Hunter	28148 SR 213
2003-230	Water in basement	David Wagoner	12760 E 281 st St
2004-273	Flooding from trees down in ditch	Kevin Moore	13045 E 281 st St
2005-171	Broken tile	Nancy Achenbach	286 th Street & SR 213
2005-548	Blow holes	Jerry Rulon	12965 281 St
2006-205	Hole	Phil Achenbach	N of 286 th St, W of SR 213
2006-274	Big hole, tractor fell in it	Ken Welcher	13075 E 281 St
2007-254	Broken tile (two holes)	Dennis Henderson	East of SR 213 & North of 281 st St
2007-345	Riprap needed at 281 st St & 4 broken tiles	Charles King	S side of 281 st St, E of SR 213
2007-451	Blow out by fence line where Sycamore tree is	John Ward	13045 E 281 st St
2008-6	Geyser flowing from ditch	Jerry Rulon	S of 281 st St, E of SR 213
2008-93	Water stands in field b/c of new culvert	Dennis Henderson	East of SR 213 & North of 281 st St

2010-31	Broken tile	Dennis Henderson	South of 286 th St & West of SR 213
2010-321	2 sink holes and 1 large hole	Dennis Henderson	N of 281 st St, E of SR 213
2011-185	Standing water; water not draining fast enough	Eddie Achenbach	28810 SR 213
2012-335	Investigate tile for blockage	John Ward	North of 286 th St & West of SR 213
2015-389	Holes	Dennis Henderson	S of 281 st St, E of SR 213
2016-188	Tile isn't working; water in catch basin	Mitch House	North of 286 th St & West of SR 213
2016-386	Drain not working	Eddie Achenbach	SR 213 & 286 th St
2017-618	Broken down tile	Dennis Henderson	North 281 st St & East of SR 213

Work orders

Job #	Issue	Location	Value
2003-30	Repair tile	286 th Street and SR 213	\$5,321.00
2005-85	Repair tile	286 th Street and SR 213	\$392.50
2005-266	Repair tile	South of 281 st St and East of SR 213	\$276.00
2006-118	Repair tile	286 th Street and SR 213	\$417.50
2006-149	Repair tile	East of SR 213 and South of 281 st Street	\$671.60
2006-192	Repair tile	13377 E 281 st Street	\$538.00
2007-152	Repair tile	SR 213 and 281 st Street	\$912.00
2007-221	Repair tile	SE of 281 st Street & SR 213	\$644.75
2008-15	Repair tile	East of SR 213 and South of 281 st Street	\$3,925.25
2008-53	Smooth yard area	East of SR 213 and South of 281 st Street	\$605.40
2010-51	Breather set & Repair hole	South of 286 th Street & West of SR 213	\$652.80
2011-9	Repair tile	North of 281 st Street & East of SR 213	\$2,780.42
2013-10	Repair tile	North of 286 th Street & West of SR 213	\$10,117.77
2013-25	Jetting	North of 286 th Street & West of SR 213	\$3,487.50
2015-317	Repair tile	South of 281 st Street & East of SR 213	\$294.00
2016-362	Repair tile	286 th Street & SR 213	\$3,989.65
2017-24	Dig Test Holes	SR 213 & 281 st Street	\$426.00

2017-72	Clearing & Dredging	South of 281 st Street & East of SR 213	\$54,982.53
2017-178	Tile Installation	South of 281 st Street & East of SR 213	\$44,874.17
2017-423	Repair tile	North of 281 st Street & East of SR 213	\$1,146.00
2018-38	Breather set	286 th Street & SR 213	\$878.50

A project to remove accumulated sediment in the West Bear Creek channel between Lower Road and 281st Street was completed on July 31, 2017. The work anticipated the reconstruction of the JJ Billhymer Drain. The tile outlet of the JJ Billhymer Drain was partially submerged before the dredging project and is now draining freely.

Proposed Project:

The proposed tile was designed for agricultural drainage of the watershed served by the new tile with a Drainage Coefficient (rate of removal of water in a 24-hour period, in inches) of 3/8". The tile was not sized for areas outside of the existing watershed. The size and slope of the tile was governed by (1) the flow rate determined using the Drainage Coefficient; (2) the elevation of the existing West Bear Creek Drain which was recently dredged to remove accumulated sediment and restore the capacity of the open ditch. This dredging project was governed by the invert of the culverts under Lower Road; (3) the goal of providing additional depth to the drain to allow deeper installations of the four arms in the event that these are considered for reconstruction in the future and to allow private drainage tiles to be extended further within the existing watershed and; (4) providing an outlet for a future drain extension to the Town of Omega.

Unless otherwise noted, the current stationing of the drain is used as reference. The project stationing for the reconstruction project starts at the outlet and increases upstream in accordance with current practice. This is the opposite of the existing stationing of the drain.

The existing 14" tile installed in 1902 between Stations 0+00 and 8+70 and the existing 15" tile installed in 1902 between Stations 8+70 and 14+24 will remain in place. The proposed project will remove the existing drain between Stations 14+24 and 77+74. The tile will be removed as the new tile is installed, or as separate work where the new alignment does not follow the current alignment. All existing connections to the tile will be perpetuated. The existing 18" tile installed in 1902 between Stations 77+74 and 78+55 will remain in place with a bulkhead installed at Station 77+74. The existing headwall is in good repair and will remain in place. As such, a new

outlet for the main drain will be constructed to allow a discharge to West Bear Creek the construction of which does not affect the existing headwall.

The reconstruction project will consist of the following: 4,390-LF of 24" HDPE pipe; 1,792-LF of 30" HDPE pipe; 20-LF of 36" CMP; 84-LF of 24" SDR 35 pipe in 78-LF of 36" steel casing pipe under State Road 213; 39-LF of 24" RCP under 286th Street; 52-LF of 30" RCP under 281st Street; 4, 48" diameter manholes; 3, 60" diameter manhole; 4 breathers; ancillary pipe fittings; connections of the four existing arms; demolition and clearing; removal of existing dual 24-inch CMP driveway culverts and replacement with dual 20-LF 24" CMP culvert necessary for the project but that will not be part of the regulated drain; removal of existing 24" CMP under 281st Street and replacement with 40-LF of 24" CMP necessary for the project but that will not be part of the regulated drain; removal of an existing concrete culvert structure under 286th Street and replacement with 40-LF of 6'x3' reinforced concrete box culvert necessary for the project but that will not be part of the regulated drain; installation of 5-LF of 18-inch HDPE pipe for a future drain to serve the town of Omega; removal of approximately 2,525-LF of the existing tile where the new tile does not follow the current alignment; pavement removal and repair where the drain crosses the various roadways and driveways; fence removal and repair; rip-rap armorment at the outfall to West Bear Creek and seeding of the disturbed non-farmed areas.

The project follows the alignment of the existing tile except where the existing tile is located underneath an existing shallow surface flow path which was the old open ditch. In these cases, the new tile will be located under the apparent top of bank of the shallow surface waterway. Such relocation occurs between Stations 21+95 and 32+64 and between Stations 34+90 and 49+57.

Any excess soil material generated from the installation of the new pipe shall be spread within the limits of the existing easement so as not to negatively affect the existing surface drainage flow.

The reconstruction project was surveyed and designed by the Hamilton County Surveyors Office. Construction staking, inspection and as-built drawings will be performed by the Hamilton County Surveyors Office.

Cost estimate:

Line Item	Quantity	Unit	Unit Cost	Total Cost
18" HDPE [6-10' Deep]	5	LF	\$40.00	\$200.00
24" CMP with Granular Backfill [1-5' Deep] [Dual barrels, drive crossing] [Not part of regulated drain]	40	LF	\$145.00	\$5,800.00
24" HDPE [6-10' Deep]	4390	LF	\$50.00	\$219,500.00
24"x24" HDPE Fittings	2	EA	\$750.00	\$1,500.00
30" HDPE [6-10' Deep]	1792	LF	\$75.00	\$134,400.00
36" CMP with Animal Guard	20	LF	\$150.00	\$3,000.00
48" Manhole with Casting	2	EA	\$3,000.00	\$6,000.00
60" Manhole with Casting	3	EA	\$4,000.00	\$12,000.00
Arm 1 Connection	1	EA	\$750.00	\$750.00
Arm 2 Connection	1	EA	\$350.00	\$350.00
Arm 3 Connection	1	EA	\$750.00	\$750.00
Arm 4 Connection	1	EA	\$200.00	\$200.00
Breather	3	EA	\$1,000.00	\$3,000.00
Bulkhead and Breather [Approx. Sta 1+50]	1	EA	\$2,500.00	\$2,500.00
Clearing	1	LS	\$5,000.00	\$5,000.00
Construction Entrance	5	EA	\$3,000.00	\$15,000.00
Drive Repair [Pavement] [285-SF]	.2	EA	\$750.00	\$1,500.00
Fence Repair	1	EA	\$1,000.00	\$1,000.00
Remove Breather	1	EA	\$500.00	\$500.00
Rip Rap Armorment/Outfall	50	TONS	\$55.00	\$2,750.00
Seeding	1830	SYS	\$1.25	\$2,287.50
Tile Removal	2525	LF	\$20.00	\$50,500.00
			Subtotal	\$468,487.50
			15% Contingency	\$70,273.13
			Total Cost	\$538,760.63

INDOT

Line Item	Quantity	Unit	Unit Cost	Total Cost
Jack and Bore Pits	1	LS	\$1,800.00	\$1,800.00
24" SDR 35 in Casing with Spacers	84	LF	\$100.00	\$8,400.00
36" Steel Casing Pipe	78	LF	\$410.00	\$31,980.00
Maintenance of Traffic [Advanced Warning]	1	LS	\$5,000.00	\$5,000.00
Grout Existing Tile [Between Structures 4 and 5]	1	LS	\$7,350.00	\$7,350.00
48" Manhole with Casting	2	EA	\$3,000.00	\$6,000.00
Bypass Pumping	1	LS	\$5,000.00	\$5,000.00
			Subtotal	\$65,530.00
			15% Contingency	\$9,829.50
			Total Cost	\$75,359.50

Hamilton County Highway Department

Line Item	Quantity	Unit	Unit Cost	Total Cost
24" CMP with Granular Backfill [1-5' Deep] [not part of regulated drain]	40	LF	\$150.00	\$6,000.00
24" RCP with Granular Backfill [6-10' Deep]	39	LF	\$100.00	\$3,900.00
30" RCP with Granular Backfill [6-10' Deep]	52	LF	\$125.00	\$6,500.00
6'x3' Reinforced Concrete Box with Granular Backfill [6-10' Deep] [not part of regulated drain]	40	LF	\$500.00	\$20,000.00
Roadway Repair [Pavement] [281 and 286] [870-SF]	2	EA	\$3,000.00	\$6,000.00
Maintenance of Traffic [2- crossings] [Full Closure]	1	LS	\$5,000.00	\$5,000.00
Structure and Headwall Demolition	1	LS	\$1,000.00	\$1,000.00
			Subtotal	\$48,400.00
			15% Contingency	\$7,260.00
			Total Cost	\$55,660.00

Changes to the Drain

After the project is complete, the total length of the drain will be 9,857-LF and will consist of the following:

Main Drain

870-LF of 14" tile installed in 1902 between Stations 0+00 and 8+70.

554-LF of 15" tile installed in 1902 between Stations 8+70 and 14+24

39-LF of 24" RCP between Stations 14+24 and 14+63

1,895-LF of 24" HDPE between Stations 14+63 and 33+58

84-LF of 24" SDR 35 between Stations 33+58 and 34+42

2,495-LF of 24" HDPE between Stations 34+42 and 59+37

52-LF of 30" RCP between Stations 59+37 and 59+89

1,792-LF of 30" HDPE between Stations 59+89 and 77+81

20-LF of 36" CMP between Stations 77+81 and 78+01

81-LF of 18" tile installed in 1902 between Stations 77+74 and 78+55
(now no longer on the alignment of the main drain and referenced
using the original drain stationing)

5-LF of 18" HDPE out of Structure No.3 for future Omega connection.

Arm 1

500-LF of 10" tile installed in 1902 between Stations 0+00 and 5+00

Arm 2

470-LF of 10" tile installed in 1902 between Stations 0+00 and 4+70.

Arm 3

940-LF of 12" tile installed in 1902 between Stations 0+00 and 9+40

Arm 4

60-LF of 12" tile installed in 1902 between Stations 0+00 and 0+60

The total length of the drain will be increased 32-feet from 9,825-feet to 9,857-feet.

Duck Creek Drainage Area Maintenance Fund:

As previously stated, the JJ Billhymer Drainage Area was combined the Bear Creek Drainage Area and then with the Duck Creek Drainage Area. At this time, the maintenance fund for the Duck Creek Drainage Area has a balance of \$54,960.93 and collects \$114,812.44 annually from Hamilton County Parcels and \$5,700.00 annually from Tipton County parcels. All monies in the JJ Billhymer fund (#17) and the Bear Creek fund (#360) have been expended on the maintenance needs of those drainage areas.

Hamilton County Highway Costs:

As per IC 36-9-27-71, the costs of improvements under 281st Street and 286th Street shall be paid by the Hamilton County Highway. As stated previously, the estimated costs of this work is \$55,660.00. This lump sum amount does not include the Highway's per acre assessment.

INDOT Costs

As per IC 36-9-27-71, the costs of improvements under State Road 213 shall be paid by the Indiana Department of Transportation. As stated previously, the estimated costs of this work is \$75,359.50. This lump sum amount does not include the INDOT's per acre assessment.

Reconstruction Assessment

I have reviewed the drainage shed for the proposed reconstruction of the JJ Billhymer Drain. Upon considering each parcel individually I believe that each parcel within the JJ Billhymer drainage shed will have equal benefits. There, I recommend each tract be assessed equally by land use. The JJ Billhymer Drainage Shed consists of 578.83-acres. The costs to be allocated are as follows:

Engineers Estimate	\$669,780.13
Minus Hamilton County Highway Lump Sum	-\$55,660.00
Minus INDOT Lump Sum	-\$75,359.50
Balance to be assessed to the Drainage Shed	\$538,760.63

The per acre rate for the reconstruction shall be \$842.96 per acre for parcels designated as Residential or Agricultural and shall be \$2,528.88 for parcels designated as Commercial or Roads.

I believe that no damages will result to landowners by the reconstruction of this drain. Therefore, damages for all tracts shall be set at \$0.00.

Maintenance Assessments:

The maintenance assessments for the Duck Creek Drainage Shed shall not change due to the proposed reconstruction.

Easements:

All work shall occur within existing regulated drain easement and no new easements are required for this project.

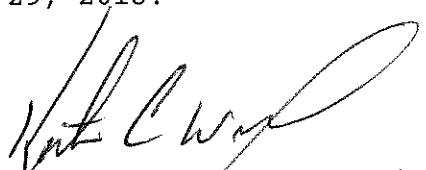
Permits:

As this project is a project that will replace an existing tile with a proposed tile, no permits are required from IDNR, IDEM, or U.S. Army Corps of Engineers.

A Permit is required from the INDOT for the State Road 213 crossing. This permit has been submitted and is being reviewed.

A permit is required from the Hamilton County Highway Department for the crossings of the County roadways.

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



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/pl1

J.J. Billhymmer Drain

Reconstructing 6580' of drain.
 Relocating within easement between Sta. 21+95 to 32+62 and 34+90 to 49+57.
 Will add 32' to overall length.

*No change in current maintenance assessment rates.

*Damages are set at zero.

Hearing: May 29, 2018

Cost Estimate
 Drainage Shed: \$538,760.63
 Co. Highway Lump Sum: \$55,660.00
 INDOT Lump Sum: \$75,359.50
 Total: \$669,780.13

		<u>Assessment rate per acre</u>					
Parcel	Owner	Rate	Ben	Asmt	% of	Total	
07-03-11-00-00-011.000	A Home Please LLC	Residential/Ag	1.70	\$1,433.04	0.27%		
07-03-03-00-00-009.000	Achenbach, Edward L & Darlene K Sutton jt	Residential/Ag	76.00	\$64,064.96	11.89%		
07-03-10-02-01-002.001	Anderson, Ricky L Jr & Tonya R	Residential/Ag	0.28	\$236.04	0.04%		
07-03-10-02-01-002.002	Anderson, Ricky L Jr & Tonya R	Residential/Ag	0.27	\$227.60	0.04%		
07-03-10-02-01-009.000	Bender, Ben	Residential/Ag	0.07	\$59.02	0.01%		
07-03-03-00-00-003.000	Bryant, Dennis E & Ruth Anne	Residential/Ag	1.00	\$842.96	0.16%		
07-03-10-00-00-003.000	Carter, James R II & Beverly S	Residential/Ag	18.00	\$15,173.28	2.82%		
07-03-11-00-00-019.000	Clark, Fawnie	Residential/Ag	0.26	\$219.18	0.04%		
07-03-11-00-00-020.000	Clark, Fawnie	Residential/Ag	0.50	\$421.48	0.08%		
07-03-10-02-01-002.000	Clark, Steven M & Sara A	Residential/Ag	0.45	\$379.34	0.07%		
07-03-10-02-01-012.000	Clingler, Ryan	Residential/Ag	0.67	\$564.78	0.10%		
07-03-11-00-00-002.000	Cruzan, Norma L	Residential/Ag	3.00	\$2,528.88	0.47%		
07-03-10-02-01-011.000	Dean, Joseph S	Residential/Ag	0.15	\$126.44	0.02%		
07-03-11-00-00-014.003	Garlinghouse, Karen E	Residential/Ag	1.99	\$1,677.50	0.31%		
07-03-10-02-01-004.000	Goodnight, Eric	Residential/Ag	0.63	\$531.06	0.10%		
07-03-11-00-00-001.001	Hatton, Steven D & Katherine M	Residential/Ag	1.00	\$842.96	0.16%		
07-03-11-00-00-014.007	House, Marcia A Trust	Residential/Ag	0.32	\$269.76	0.05%		
07-03-11-00-00-014.000	House, Marcia A Trustee of Marcia A House Trust	Residential/Ag	12.16	\$10,250.40	1.90%		
07-03-10-02-01-003.000	Hunter, Jerry W & Tammy R	Residential/Ag	0.24	\$202.32	0.04%		
07-03-03-00-00-006.000	JBW Enterprises Inc	Residential/Ag	3.00	\$2,528.88	0.47%		
07-03-03-00-00-006.001	JBW Enterprises Inc	Residential/Ag	17.25	\$14,541.06	2.70%		
07-03-03-00-00-007.001	JBW Enterprises Inc	Residential/Ag	5.00	\$4,214.80	0.78%		
07-03-03-00-00-008.000	JBW Realty LLC	Residential/Ag	42.50	\$35,825.80	6.65%		
07-03-03-00-00-010.000	JBW Realty LLC	Residential/Ag	35.00	\$29,503.60	5.48%		
07-03-03-00-00-011.000	JBW Realty LLC	Residential/Ag	15.00	\$12,644.40	2.35%		
07-03-11-00-00-014.005	King, Charles E & Alicia A	Residential/Ag	1.76	\$1,483.62	0.28%		
07-03-11-00-00-014.002	King, Charles J & Marina S	Residential/Ag	1.99	\$1,677.50	0.31%		

Parcel	Owner	Desc	Rate	Ben	Asmt	% of Total	
07-03-10-02-01-001.000	Majors, Paul C	S10 T20 R5 1.00Ac	Residential/Ag	1.00	\$842.96	0.16%	
07-03-03-00-00-012.000	Marion E House Farms Inc	S3 T20 R5 22.50Ac	Residential/Ag	16.00	\$13,487.36	2.50%	
07-03-03-00-00-013.000	Marion E House Farms Inc	S3 T20 R5 40.00Ac	Residential/Ag	30.00	\$25,288.80	4.69%	
07-03-11-00-00-017.000	McPherson, Phillip & Corinna	S11 T20 R5 0.75Ac	Residential/Ag	0.75	\$632.22	0.12%	
07-03-11-00-00-016.000	Miller, Kathryn L	S11 T20 R5 1.20Ac	Residential/Ag	1.20	\$1,011.56	0.19%	
07-03-11-00-00-015.000	Muller, John T	S11 T20 R5 1.07Ac	Residential/Ag	1.07	\$901.98	0.17%	
07-03-10-00-00-007.000	Omega Christian Church	S10 T20 R5 1.50Ac	Commercial	1.50	\$3,793.32	0.70%	
07-03-10-00-00-008.001	Omega Christian Church	S10 T20 R5 2.50Ac	Residential/Ag	2.50	\$2,107.40	0.39%	
07-03-02-00-00-016.000	Overdorf & Kelley Inc	S2 T20 R5 78.15Ac	Residential/Ag	29.00	\$24,445.84	4.54%	
07-03-10-00-00-004.000	Porter Farms LLC	S10 T20 R5 154.00Ac	Residential/Ag	128.00	\$107,898.88	20.03%	
07-03-11-00-00-001.000	Porter Farms LLC	S11 T20 R5 38.00Ac	Residential/Ag	34.00	\$28,660.64	5.32%	
07-03-11-00-00-001.002	Porter Farms LLC	S11 T20 R5 60.00Ac	Residential/Ag	10.00	\$8,429.60	1.56%	
07-03-11-00-00-001.003	Porter Farms LLC	S11 T20 R5 20.00Ac	Residential/Ag	20.00	\$16,859.20	3.13%	
07-03-11-00-00-010.000	Rich, Ferol Dana Trustee of Trust of Ferol Dana Rich	S11 T20 R5 39.64Ac	Residential/Ag	4.00	\$3,371.84	0.63%	
07-03-11-00-00-012.000	Rich, Ferol Dana Trustee of Trust of Ferol Dana Rich	S11 T20 R5 25.80Ac	Residential/Ag	0.55	\$463.64	0.09%	
07-03-11-00-00-012.002	Rich, Ferol Dana Trustee of Trust of Ferol Dana Rich	S11 T20 R5 10.00Ac	Residential/Ag	9.95	\$8,387.46	1.56%	
07-03-10-00-00-005.000	Shaw, Leo & Janet	S10 T20 R5 0.50Ac	Residential/Ag	0.50	\$421.48	0.08%	
07-03-10-00-00-006.000	Shaw, Leo & Janet	S10 T20 R5 0.25Ac	Residential/Ag	0.25	\$210.74	0.04%	
07-03-10-00-00-008.000	Shaw, Leo T Jr & Janet K	S10 T20 R5 1.30Ac	Residential/Ag	1.30	\$1,095.86	0.20%	
07-03-02-00-00-014.000	Stradling, Robert A & Cindy L h&w	S2 T20 R5 1.35Ac	Residential/Ag	1.35	\$1,138.00	0.21%	
07-03-02-00-00-015.000	Sutton, Darlene K	S2 T20 R5 0.50Ac	Residential/Ag	0.50	\$421.48	0.08%	
07-03-11-00-00-014.001	Sutton, David R	S11 T20 R5 1.22Ac	Residential/Ag	1.22	\$1,028.42	0.19%	
07-03-11-00-00-014.004	Sutton, David R	S11 T20 R5 0.25Ac	Residential/Ag	0.25	\$210.74	0.04%	
07-03-10-02-01-010.000	Wagoner, David N	S10 T20 R5 0.95Ac	Residential/Ag	0.95	\$800.82	0.15%	
07-03-11-00-00-018.000	Watts, Homer R & Shirley A	S11 T20 R5 1.30Ac	Residential/Ag	1.30	\$1,095.86	0.20%	
07-03-10-00-00-009.000	Webb, Carl Jack & Miriam	S10 T20 R5 134.00Ac	Residential/Ag	10.00	\$8,429.60	1.56%	
07-03-11-00-00-012.001	Welcher, Kenneth W & Patricia M	S11 T20 R5 2.50Ac	Residential/Ag	2.50	\$2,107.40	0.39%	
07-03-10-02-01-008.000	Wiley, Rex Dean & Lorraine M	S10 T20 R5 0.35Ac	Residential/Ag	0.35	\$295.04	0.05%	
99-99-99-99-99-999.001	Hamilton County Highway Department	S2-3-10-11 T20 R5, 281, 286, 291 St	Road	17.04	\$43,092.12	8.00%	
99-99-99-99-99-999.002	Indiana Department Of Transportation	S10-11 T20 R5, S.R. 213	Road	11.61	\$29,360.30	5.45%	
Drainage Shed Total: 578.83						\$538,761.22	100.0%
99-99-99-99-99-999.001	Hamilton County Highway Department	Lump Sum	Lump Sum	LS	\$55,660.00		
99-99-99-99-99-999.002	Indiana Department Of Transportation	Lump Sum	Lump Sum	LS	\$75,339.50		
Grand Total:					\$669,760.72		

NOV 21 2014

To: Hamilton County Drainage Board

Re: In the matter of the J. J. Billymer Drain Petition

OFFICE OF HAMILTON COUNTY SURVEYOR

FILED

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

DEC 23 2014

OFFICE OF HAMILTON COUNTY SURVEYOR

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 White River 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 11, township 20 north, range 5 east, Hamilton County, Indiana.
5. That the proposed reconstruction consists of placing a new structure at or near station 14+83 and extending a new line east connecting into the West Bear Creek open ditch between 1440 feet to 3000 feet upstream from 281st Street.
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.~~
- 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>Marion E. House</i>	<i>Marion E. House</i>	<i>26570 SR37 Atlanta</i>
<i>Mitch House</i>	<i>Mitch House</i>	<i>26570 SR37 Atlanta</i>
<i>Edward Achenbach</i>	<i>EDWARDACHENBACH</i>	<i>1371 N SR13 ANDERSON</i>
<i>Fawnie Clark</i>	<i>Fawnie Clark</i>	<i>28043 SR28 Arcadia</i>
<i>Neal Brown</i>	<i>Neal Brown</i>	<i>12763 E. 281st Arcadia 46030</i>
<i>Maria King</i>	<i>MARIA KING</i>	<i>12965 E. 281st ST. ATLANTA, GA 30340</i>
<i>Carol Webb</i>	<i>Carol Webb</i>	<i>22690 SR213 Arcadia 46030</i>

RECONSTRUCTION OF THE JJ BILLHYMER REGULATED DRAIN

SECTIONS 3, 10 & 11, T20N, R5E IN WHITE RIVER TOWNSHIP

