



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

September 18, 2012

To: Hamilton County Drainage Board

Re: Paulsel, Vance & Paulsel Drain, Relocation and Reconstruction

Attached is a petition for relocation and reconstruction of the Paulsel, Vance & Paulsel Regulated Drain. Mr. G. Melvin Featherston, manager of Melrock Farms LLC filed the petition on October 10, 2011 under IC 36-9-27-52.5. The petitioner wishes to fill in a portion of his property at the existing outfall of the Paulsel, Vance & Paulsel Regulated Drain, and relocate the drain to the southeast on his property. I have reviewed the submittals and petition and have found each to be in proper form.

Attached is an aerial photograph and calculations showing the existing 18" reinforced concrete pipe (RCP) and the proposed relocation. The drain relocation consists of 550 lf of 18" RCP, one manhole structure with solid lid casting, a duckbill drain outlet to prevent backflow from the pond, rip rap, silt fence and seeding. A new manhole structure will be set 65 feet east of existing Structure No. 8 on reconstruction asbuilt plans prepared by Falcon Engineering, Inc. dated December 1999. This was part of a reconstruction hearing on the Paulsel, Vance & Paulsel Drain approved by the Hamilton County Drainage Board on March 27, 2000 (see Drainage Board Minutes Book 5, pages 331-333). The existing 18" RCP will be blocked at the east side downstream of the new manhole. One hundred ten feet of the existing 18" RCP will no longer be utilized and will be abandoned, vacated, in place. Therefore, 440 lf of 18" RCP will be added to the overall length of the Paulsel, Vance & Paulsel Regulated Drain. The existing tile between Station 14+00 to Station 15+42 of the asbuilt reconstruction plans prepared by Falcon Engineering, December 1999, shall remain. The existing tile per the same plans from Station 15+42 to Structure No. 9 will be blocked off.

The relocated storm drain is to be located on two parcels:

<u>Parcel No.</u>	<u>Owner</u>
10-10-13-00-00-035.002	Melrock Farms, LLC
10-10-13-00-00-001.000	Featherston, G. Melvin Trust & Nancy B. Featherston

Both parcels are located north of 146th Street east of River Road, Section 13, Township 18, Range 4 in Noblesville Township.

The engineer's estimate of proposed construction cost is as follows:

<u>Item Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Total Cost</u>
Clearing	1	LS	\$1,500.00	\$ 1,500.00
18" RCP 15-17 ft. deep	550	LF	\$ 50.00	\$27,500.00
Manhole Structure 17 ft. deep & sold casting	1	EA	\$9,000.00	\$ 9,000.00
Duck Bill Outlet	1	EA	\$3,000.00	\$ 3,000.00
Seeding	1	LS	\$1,500.00	\$1,500.00
Silt Fence	1000	LF	\$2.00	\$2,000.00
Rip Rap	40	Ton	\$40.00	\$1,600.00
				<u>\$46,100.00</u>
				15% Contingency
				\$6,915.00
				<u>\$53,015.00</u>

(Excess trench material will remain onsite)

The cost for the reconstruction shall be bore solely by the petitioner. The project will be publicly bid and any cost overruns of this project will be the responsibility of the petitioner.

The petitioner shall provide a performance bond prior to start of construction.

The petitioner has agreed to dedicate the additional drainage easement over these two parcels. The easement of 150' wide by 475' shall be granted and recorded by the petitioner prior to notice of public bid for the reconstruction project.

I recommend the Board approve the drain relocation and reconstruction at this time.

Sincerely,



Christie Kallio, P.E.
Project Engineer
Hamilton County Surveyor's Office

CK/llm

STATE OF INDIANA)
) ss:
COUNTY OF HAMILTON)

BEFORE THE HAMILTON COUNTY
DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN THE MATTER OF THE
RECONSTRUCTION OF THE
**Paulsel, Vance & Paulsel Drain Relocation & Reconstruction,
Melrock Farms Petition**

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the **Paulsel, Vance & Paulsel Drain Relocation & Reconstruction, Melrock Farms Petition** came before the Hamilton County Drainage Board for hearing **on September 26, 2012**, on the Reconstruction Report consisting of the report and the Schedule of Damages and Assessments. The Board also received and considered the written objection of an owner of certain lands affected by the proposed Reconstruction, said owner being:

Evidence was heard on the Reconstruction Report and on the aforementioned objections.

The Board, having considered the evidence and objections, and, upon motion duly made, seconded and unanimously carried, did find and determine that the costs, damages and expenses of the proposed Reconstruction will be less than the benefits accruing to the owners of all land benefited by the Reconstruction.

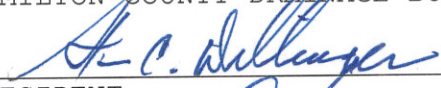
The Board having considered the evidence and objections, upon motion duly made, seconded and unanimously carried, did adopt the Schedule of Assessments as proposed, subject to amendment after inspection of the subject drain as it relates to the lands of any owners which may have been erroneously included or omitted from the Schedule of Assessments.

The Board further finds that it has jurisdiction of these proceedings and that all required notices have been duly given or published as required by law.

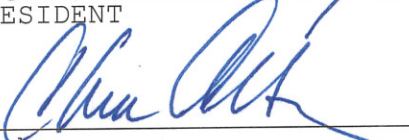
Wherefore, it is ORDERED, that the proposed Reconstruction of the **Paulsel, Vance & Paulsel Drain Relocation & Reconstruction, Melrock Farms Petition** be and is hereby declared established.

Thereafter, the Board made inspection for the purpose of determining whether or not the lands of any owners had been erroneously included or excluded from the Schedule of Assessments. The Board finds on the basis of the reports and findings at this hearing as follows:


HAMILTON COUNTY DRAINAGE BOARD



PRESIDENT



Member



Member

ATTEST:


Executive Secretary

HAMILTON COUNTY DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN RE: Paulsel-Vance-Pausel Drain
Hamilton County, Indiana

FILED

OCT 10 2011

OFFICE OF HAMILTON COUNTY SURVEYOR

PETITION FOR RELOCATION AND RECONSTRUCTION

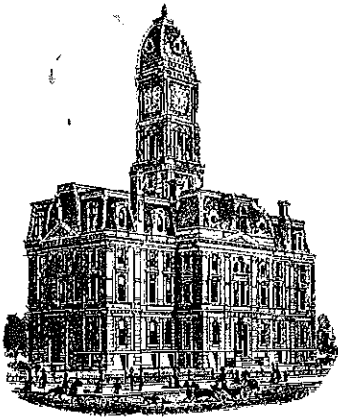
Melrock Farms LLC (hereinafter "Petitioner"),

hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a section of the Paulsel-Vance-Pausel Drain Drain, and in support of said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the Paulsel-Vance-Pausel Drain runs.
2. Petitioner plans to develop its real estate with roads, buildings, utilities, storm drains, sanitary sewers and other structures.
3. Petitioner's proposed development of its real estate will require relocation and reconstruction of a portion of the Paulsel-Vance-Pausel Drain, as specifically shown on engineering plans and specifications filed with the Hamilton County Surveyor.
4. The work necessary for the proposed relocation and reconstruction will be undertaken at the sole expense of the Petitioner and such work will result in substantial improvement to the Paulsel-Vance-Pausel Drain, without cost to other property owners on the watershed of the Paulsel-Vance-Pausel Drain.
5. Proposed relocation and reconstruction will not adversely affect other land owners within the drainage shed.
6. Petitioner requests approval of the proposed relocation and reconstruction under IC 36-9-27-52.5.

WHEREFORE, Petitioner requests that an Order issued from the Hamilton County Drainage Board authorizing relocation and reconstruction of the Paulsel-Vance-Pausel Drain, in conformance with applicable law and plans and specifications on file with the Hamilton County Surveyor.

Melvin Featherston (mgr.)
Signed
MELVIN FEATHERSTON
Printed



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

July 15, 2013

TO: Hamilton County Drainage Board

**RE: Paulsel, Vance & Paulsel Drain, Relocation and Reconstruction
Final Inspection Report**

FINAL INSPECTION REPORT

Please regard this as the Inspector's Final Report on the Paulsel, Vance & Paulsel Drain, Relocation and Reconstruction, located in Section 13, Township 18 North, Range 4 East in Noblesville Township, Hamilton County, Indiana.

At the September 26, 2012 meeting of the Hamilton County Drainage Board the hearing for the Paulsel, Vance & Paulsel Drain, Relocation and Reconstruction was held, the Surveyor's Report dated September 18, 2012 was approved and the Finding and Order signed. (HCDB Minute Book 14, Pages 319 – 322)

At the January 14, 2013 meeting of the Hamilton County Drainage Board the contract for the Paulsel, Vance & Paulsel, Relocation and Reconstruction was awarded to Calumet Civil Contractors, Inc. (HCDB Minute Book 14, Page 469 – 470)

During the project there were two (2) change orders:

Change Order # 1 dated March 20, 2013 was approved by the Hamilton County Drainage Board at the March 25, 2013 meeting (HCDB Minutes Book 14, Page 534 – 535) for Extra Cost - Square Base Manhole Structure.

Change Order # 2 dated April 4, 2013 was approved by the Hamilton County Drainage Board at the April 08, 2013 meeting. (HCDB Minutes Book 14, Page 540 – 541) for 536 feet of 18" RCP instead of 550 feet as depicted on the plan.

The cost estimate for the Paulsel, Vance & Paulsel Drain, Featherston Reconstruction was \$53,015.00 for the reconstruction.

The lowest bid for the reconstruction came in at \$56,825.00 from Calumet Civil Contractors, Inc.

In the January 14, 2013 Board meeting, Christie Kallio, Project Engineer, acknowledged that Melvin Featherston, Mel-Rock Farms, LLC, was aware of the bid being over the project's estimate and would like to go ahead with the project. The Board's Attorney was to amend the contract to add Melvin Featherston agrees and accepts to pay the cost associated with this reconstruction. (HCDB Minutes Book 14, Page 469)

In the January 28, 2013 Board meeting, the Board's Attorney, Michael Howard, informed the Board a provision was added to the contract at the Board's request where Melvin Featherston agreed in writing to take care of the cost of the reconstruction plus costs of reasonable change orders. (HCDB Minutes Book 14, Page 501)

On January 29, 2013, Melvin Featherston, signed the amended contract with the Agreement for Reimbursement of Costs added by the Board's Attorney and referred to in the January 28, 2013 Board minutes. The document was placed in the drain file for the project.

Calumet Civil Contractors, Inc. Contract Amount (Awarded 01/14/2013)	-----\$56,825.00
Change Order # 1 (Approved 03/25/2013)	
Extra Cost - Square Base Manhole Structure	\$ 800.00
Change Order # 2 (Approved 04/08/2013)	
536 feet of 18" RCP	<u>\$ - (903.00)</u>

Total Contract \$56,722.00

Pay Application # 1 Total (Includes Change Orders # 1 & # 2)	-----\$53,222.00
Retainage	-----\$(7,983.30)
Amount Paid to Calumet Civil Contractors, Inc. (04/23/2013)	-----\$45,238.70
Pay Application # 2 Total	-----\$3,500.00
Retainage	-----\$(525.00)
Amount Paid to Calumet Civil Contractors, Inc. (05/14/2013)	-----\$2,975.00

Pay Application # 3 Total – Retainage (07-09-2013) -----\$8,508.30

Total Paid to Calumet Civil Contractors, Inc. -----\$56,722.00

According to the Surveyor's Report to the Board at the Public Hearing on September 26, 2012 the cost of the reconstruction was to be paid for by Melrock Farms, LLC.. I recommend the Board invoice Melrock Farms LLC. for the amount of the reconstruction.

On May 10, 2013 this Office received from Calumet Civil Contractors, INC. Form E-1 stating that all expenses incurred for labor and material have been paid in full.

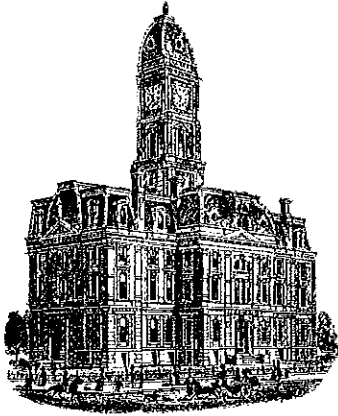
As of the date of this report, I hereby attest to and agree that the reconstruction was completed according to specified plans and change orders. All inspections have been completed and as-built drawings were completed in-house by Brian Rayl, LS.

I recommend the Board approve the drain's construction as complete and acceptable.

Respectfully,



Jerry L. Liston
New Construction Inspector
Hamilton County Surveyor's Office



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

To: Hamilton County Drainage Board

September 11, 2013

Re: Paulsel, Vance & Paulsel: Melrock Farms LLC Relocation

Attached are as-builts, certificate of completion & compliance, and other information for Melrock Farms LLC Relocation. 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 September 18, 2012. The report was approved by the Board at the hearing held September 26, 2012. (See Drainage Board Minutes Book 14, Pages 319-320) The changes are as follows:

The 18" RCP was shortened from 550 feet to 537 feet. A new structure was placed approximately 68 feet west of existing structure 8. The existing pipe west of the new structure will no longer be functional and therefore, will no longer be considered regulated drain. The length of the drain due to the changes described above is now **537 feet**.

The drainage easement was approved by the Board at its meeting on November 14, 2012 and recorded under instrument #2013005950. The funds for the project were discussed in the Final Inspection Report dated July 15, 2013.

I recommend the Board approve the drain's construction as complete and acceptable.

Sincerely,

Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/slm

PAUSEL VANCE "AS-BUILTS"


SUNNY 40° 3-22-2013 BKR, SDF

NEW STR.
R.I.M. = 754.64
I.N.V. S.E. = 738.64

18" R.C.P. DISTANCE
FROM E STRUCTURE
TO END OF R.C.P. = 537.5'
@ 0.14%

18" R.C.P. Inv = 737.91

POND



This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.

Entry Date: Sept 2013

Entered By: SLM

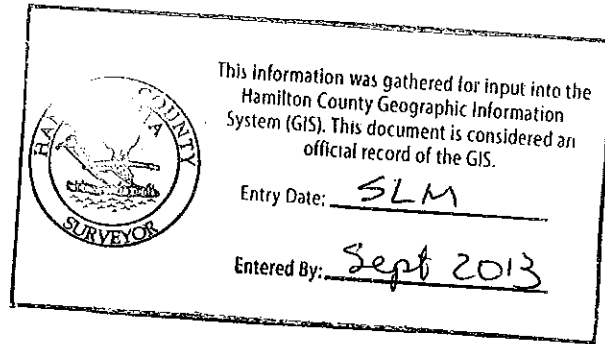
Suzie L. Mills

From: Brian Rayl
Sent: Tuesday, September 10, 2013 3:11 PM
To: Suzie L. Mills
Subject: FW: Message from "RNP0026735A4C33"
Attachments: 201303250954.pdf

Here are my notes I have

New Str. N Rim =754.54
N.1734080.257
E. 225647.057
Inv. S. E. =738.64

Outlet
N. 1733564.099
E. 225795.976
Inv. = 737.91



-----Original Message-----

From: Brian Rayl
Sent: Monday, March 25, 2013 10:02 AM
To: Christie L. Kallio
Subject: FW: Message from "RNP0026735A4C33"

Notes from Paulsel Vance

From CI MH to outlet 537.5' - radius of MH (1.5) = 536'/8' Section = 67 sticks of pipe for my calculations.

Outlet was 15' north of previous surveyed TOB

Brian

-----Original Message-----

From: survey_scan@hamiltoncounty.in.gov [mailto:survey_scan@hamiltoncounty.in.gov]
Sent: Monday, March 25, 2013 9:55 AM
To: Brian Rayl
Subject: Message from "RNP0026735A4C33"

This E-mail was sent from "RNP0026735A4C33" (Aficio MP C4502).

Scan Date: 03.25.2013 09:54:50 (-0400)
Queries to: survey_scan@hamiltoncounty.in.gov