

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

February 20, 2013

To: Hamilton County Drainage Board

Re: Laurel Lakes Drain, 126th Street Reconstruction

Attached are petition, plans, and other information for the proposed reconstruction of the Laurel Lakes Drain, for the 126th Street Reconstruction. The reconstruction was petitioned by the City of Carmel. During the road reconstruction, the Laurel Lakes Drain was affected. Those changes are as follows:

Laurel Lakes Drain

The project will replace the existing Laurel Lakes outlet to the J.W. Brendle Drain, with a new pipe that is sized properly and takes advantage of the added depth from dredging the Brendle Drain from Shelborne Road to upstream of 126th Street. The new drain will start at existing Str. 35 of the Laurel Lakes Drain, Section 1 Arm per the plans prepared by Weihe Engineers, Inc., having job number 91-460, and dated May 19, 1994, with a new 42" pipe running north 35 feet to Str. 67 as shown on Sheets 13 and 19 of the plans prepared by USI Consultants, having City of Carmel Project Number 06-22, and dated January 2, 2009, with field changes. From there, the drain runs west 166 feet in 42" pipe to Str. 66, then 105 feet in 36" pipe to Str. 62, then 118 feet in 36" pipe to Str. 58, then 120 feet in 36" pipe to Str. 55, then 150 feet in 36" pipe to Str. 52, then 300 feet in 36" pipe to Str. 51, then 171 feet in 36" pipe to Str. 48, then 256 feet in 42" pipe to Str. 42. Then some field changes took place to avoid conflicts with the lift station, so the drain then continues 90 feet in 42" pipe to a Structure that sits in the road median just east of the box culvert for the J.W. Brendle Drain, then continues 46 feet in 42" pipe and outlet into the J.W. Brendle Drain through the headwall for the road culvert. Also to be included is 14 feet of 12" pipe from Str. 42A to Str. 42 and 22 feet of 12" pipe from Str. 47 to Str. 48.

The existing Laurel Lakes Drain was left in place for storm water detention for the roadway project but shall be vacated from approximately 30 feet north of the existing Str. 36, where they set new Str. 66 of the road plans, to the outlet into the J.W. Brendle Drain at existing Str. 4A. This will vacate 1376 feet of the original Laurel Lakes Drain.


The road project will add 217 feet to the total length of the Laurel Lakes Drain.

The cost of the reconstruction is to be paid by the City of Carmel.

The easement for the new drain from original Str. 35 to Str. 66 shall be the north ROW line of 126th Street on the north side of the pipe and the existing platted easement/regulated drain easement on parcel 17-09-32-00-04-033.000, owned by Laurel Lakes Home Owners Association and on parcel 17-09-32-00-04-006.000, owned by Quality Crafted Homes, Inc. The easement from Str. 66 to the outlet into the Brendle Drain shall be the north ROW line of 126th Street on the north side of the pipe and 40 feet from the centerline of the pipe on the south side, which will affect parcels 17-09-32-00-00-003.000, owned by Lance and Mercedes Ratliff, 17-09-32-00-00-004.000, owned by Karen Vanderfleet Muehlenbein, 17-09-32-00-00-004.001, owned by Karen Muehlenbein, 17-09-32-00-00-001.000, owned by Carmel 2002 School Building Corporation, and 17-09-32-00-00-001.001, owned by Clay Township Regional Waste District. This easement on the south side of the drain is about the same as the existing 75' statutory easement that existing on the existing Laurel Lakes Drain outlet pipe.

I recommend the Board set a hearing for this proposed drain for April 22, 2013.

Sincerely,



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/pll

HAMILTON COUNTY DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN RE: _____)
Hamilton County, Indiana)

PETITION FOR RELOCATION AND RECONSTRUCTION

_____ City of Carmel _____ (hereinafter "Petitioner"),

hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a section of the _____ JW Brendle _____ Drain, and in support of said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the _____ JW Brendle _____ 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 _____ JW Brendle _____ 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 _____ JW Brendle _____ Drain, without cost to other property owners on the watershed of the _____ JW Brendle _____ 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 _____ JW Brendle _____ Drain, in conformance with applicable law and plans and specifications on file with the Hamilton County Surveyor.

Michael T. McBride
Signed

MICHAEL T. McBRIDE
Printed

FINDINGS AND ORDER

CONCERNING THE PARTIAL VACATION OF THE

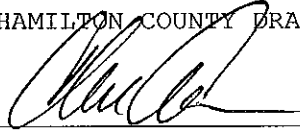
Laurel Lakes Drain, 126th Street Reconstruction

30' North of Existing Structure 36 where new Structure 66 was set to the Outlet into the J. W. Brendel Drain at Existing Structure 4A

On this **22nd day of April, 2013**, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **Laurel Lakes Drain, 126th Street Reconstruction, 30' North of Existing Structure 36 where new Structure 66 was set to the Outlet into the J. W. Brendel Drain at Existing Structure 4A.**

Evidence has been heard. Objections were presented and considered. The Board then adopted an order of action. The Board now finds that the costs of continued maintenance to the portion of the above drain exceed the benefits to the real estate benefited by the portion of the drain to be abandoned and issues this order vacating the above section of the **Laurel Lakes Drain, 126th Street Reconstruction, 30' North of Existing Structure 36 where new Structure 66 was set to the Outlet into the J. W. Brendel Drain at Existing Structure 4A.**

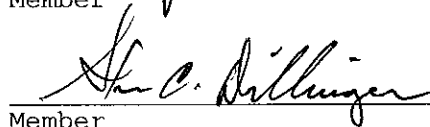
HAMILTON COUNTY DRAINAGE BOARD



President



Member



Member

Attest:



STATE OF INDIANA)
) ss:
COUNTY OF HAMILTON)

BEFORE THE HAMILTON COUNTY
DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN THE MATTER OF THE
RECONSTRUCTION OF THE
Laurel Lakes Drain, 126th Street Reconstruction

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the **Laurel Lakes Drain, 126th Street Reconstruction** came before the Hamilton County Drainage Board for hearing **on April 22, 2013**, 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.

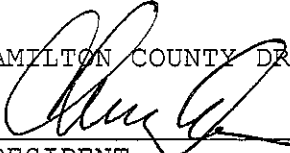
The Board having considered the evidence and objections, upon motion duly made, seconded and unanimously carried, did adopt the Schedule of Assessments as proposed, subject to amendment after inspection of the subject drain as it relates to the lands of any owners which may have been erroneously included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

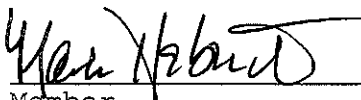
Wherefore, it is ORDERED, that the proposed Reconstruction of the **Laurel Lakes Drain, 126th Street Reconstruction** be and is hereby declared established.

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:

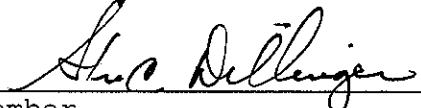
HAMILTON COUNTY DRAINAGE BOARD



PRESIDENT




Member



Member

ATTEST:


Executive Secretary

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF

Laurel Lakes Drain, 126th Street Reconstruction

NOTICE

To Whom It May Concern and: _____

Notice is hereby given of the hearing of the Hamilton County Drainage Board concerning the reconstruction of the **Laurel Lakes Drain, 126th Street Reconstruction** on **April 22, 2013** at **9:05 A.M.** in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana. Construction and maintenance reports of the Surveyor and the Schedule of Assessments proposed 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

STATE OF INDIANA)
) SS BEFORE THE HAMILTON
)
COUNTY OF HAMILTON) DRAINAGE BOARD

**IN THE MATTER OF Laurel Lakes Drain, 126th Street
Reconstruction**

NOTICE

Notice is hereby given that the Hamilton County Drainage Board at its regular meeting **April 22, 2013** adopted the reconstruction report of the Surveyor and the Amended Schedule of damages and assessments including annual assessment for periodic maintenance, finding that the costs, damages and expense of the proposed improvement would be less than the benefits which will result to the owner of lands benefited thereby.

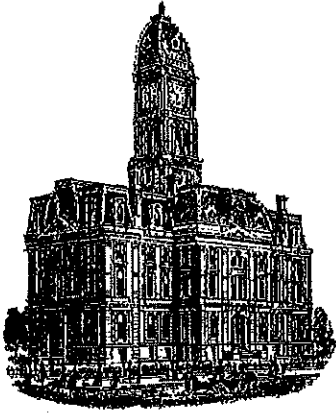
The Board issued an order declaring the proposed improvement established. Such findings and order were marked filed and are available for inspection in the Office of the Hamilton County Surveyor.

If judicial review of the findings and order of the Board is not requested pursuant to Article VIII of the 1965 Indiana Drainage Code as amended within twenty (20) days from the date of publication of this notice, the findings and order shall become conclusive.

HAMILTON COUNTY DRAINAGE BOARD

BY: Christine Altman
PRESIDENT

ATTEST: Lynette Mosbaugh
SECRETARY



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

October 13, 2016

Re: Laurel Lakes Drain: 126th Street Improvements

Attached are final plans and other information for 126th St. Road Improvements. 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 February 20, 2013. The report was approved by the Board at the hearing held April 22, 2013. (See Drainage Board Minutes Book 14, Pages 544-546)

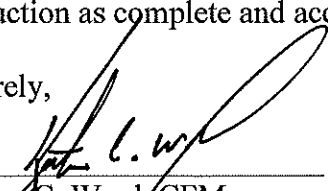
The changes are as follows:

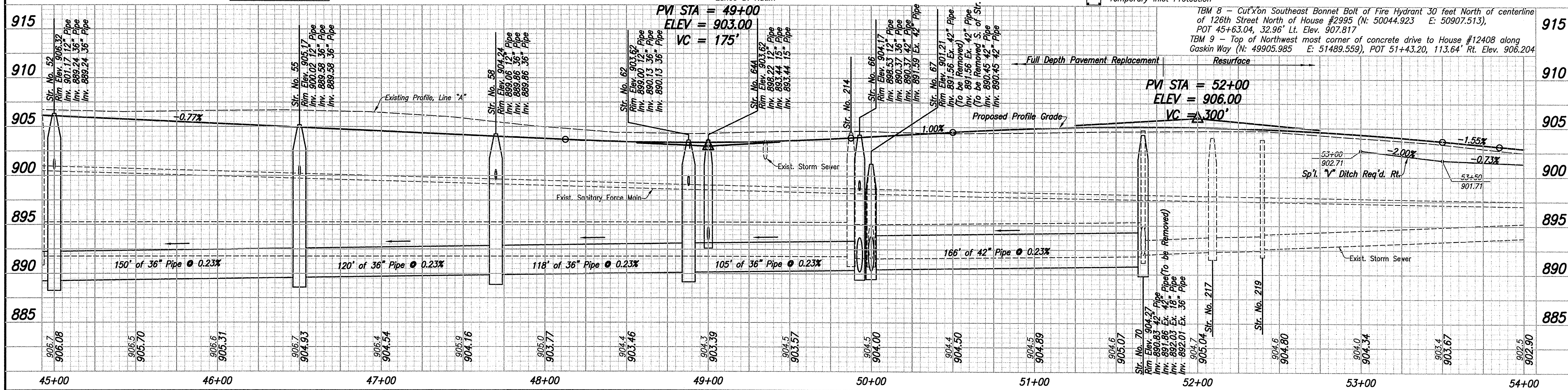
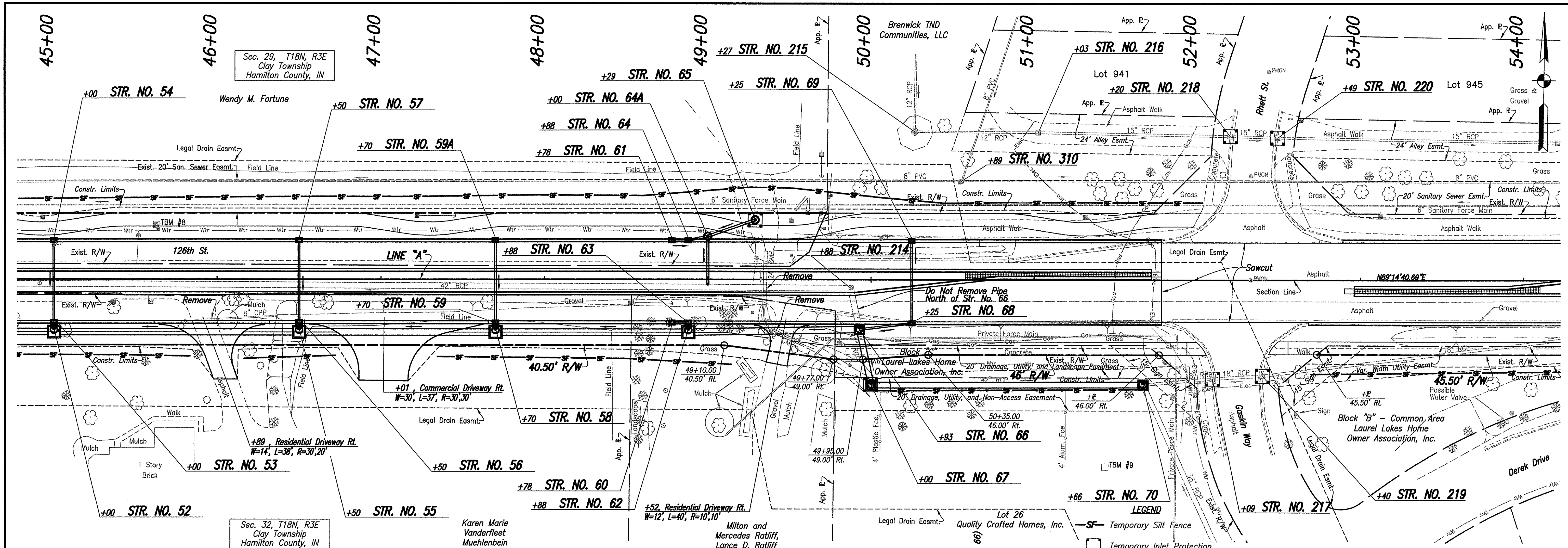
The drain consists of 964 feet of 36"RCP and 553 feet of 42" RCP. It begins at new structure 70 and runs west and outlets into Long Branch 96 feet downstream of new structure 42. The length of the drain due to the changes described above is now **1517 feet**. The project removed 1578 feet of existing drain. Therefore, the overall length of drain was shortened by 61 feet.

The drainage easement was outlined in my original report as the north right of way line of 126th Street, the existing platted easement for Laurel Lakes Section 3, and 40 feet from the centerline of the tile on the south side of 126th Street. It should also be noted that the project was completed and paid for by the City of Carmel.

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

Sincerely,


Kenton C. Ward, CFM
Hamilton County Surveyor



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: Oct 2016
 Entered By: SLM

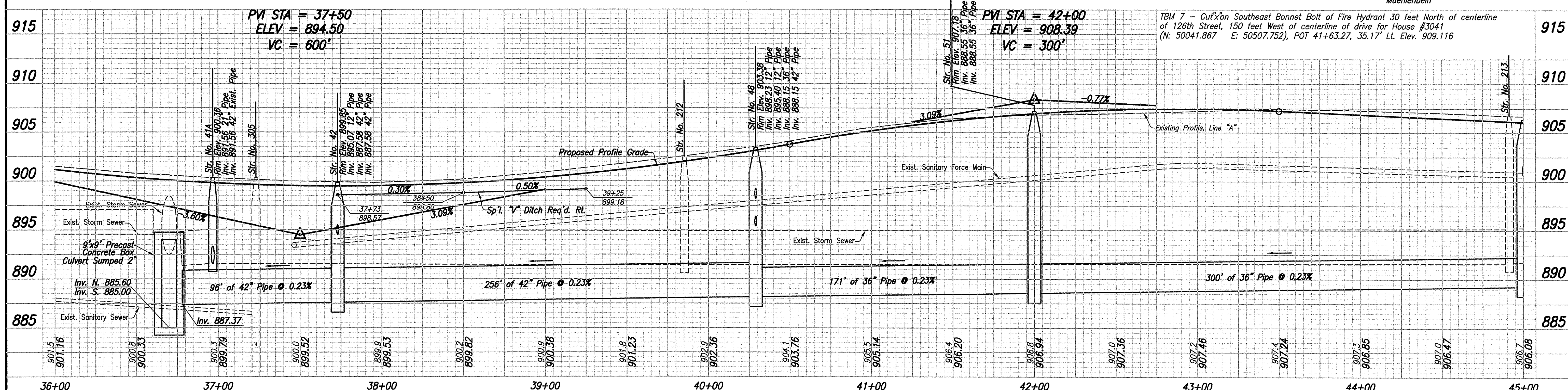
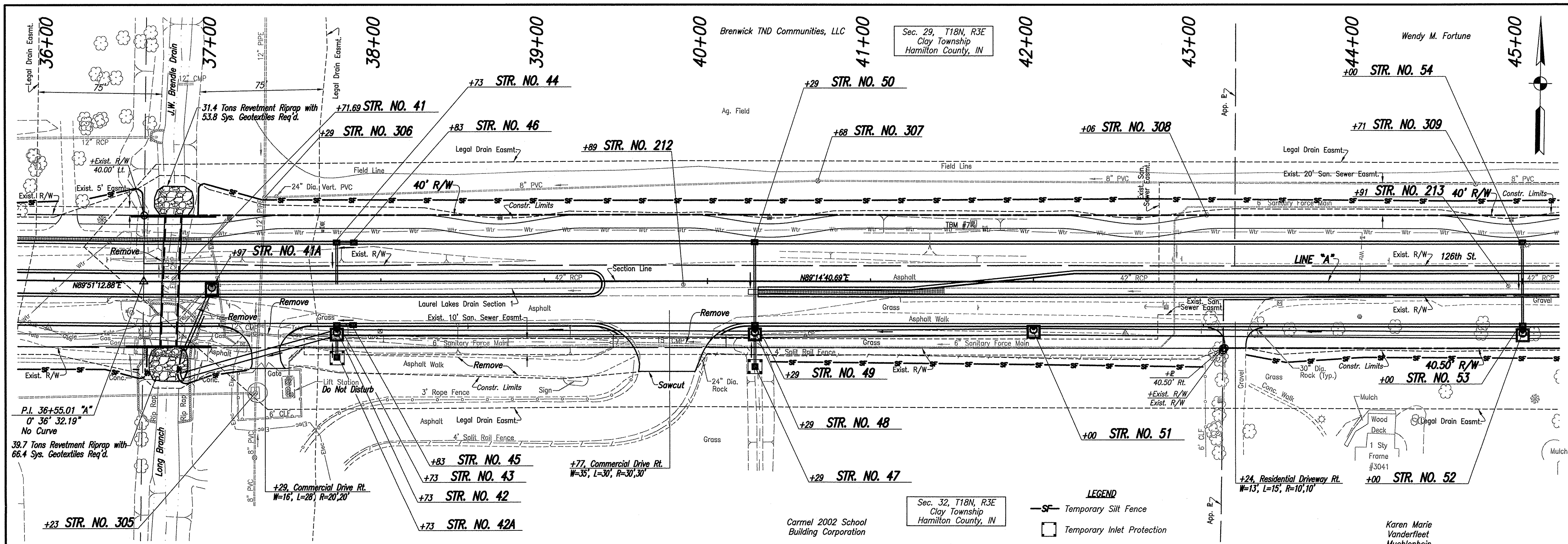
FOR REFERENCES, SEE ROUTE SURVEY SHEETS

CERTIFIED BY:	DATE
DESIGNED: NCH	DRAWN: JGP
CHECKED: GRW	CHECKED: NCH

CITY OF CARMEL

126TH STREET PLAN AND PROFILE

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	DESIGNATION
VERTICAL SCALE	SURVEY BOOK
1" = 5'	13 of
SHEETS	PROJECT



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: Oct 2016

Entered By: SLM

**FOR REFERENCES, SEE
ROUTE SURVEY SHEETS**

CERTIFIED BY: _____ DATE _____

DESIGNED: NCH DRAWN: JGP

CHECKED: GRW CHECKED: NCH

**CITY OF
CARMEL**

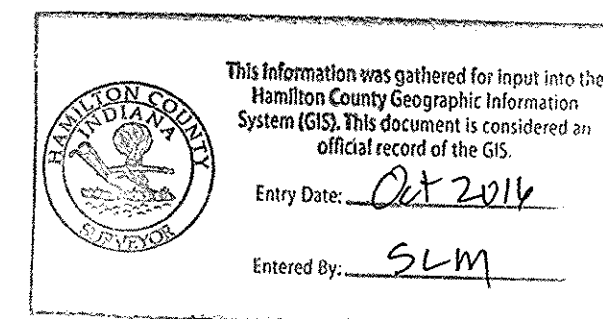
**126TH STREET
PLAN AND PROFILE**

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	DESIGNATION
VERTICAL SCALE	SURVEY BOOK
1" = 5'	12 of _____ SHEETS
CONTRACT	PROJECT

STRUCTURE DATA TABLE

STRUCTURE NUMBER	LOCATION			SIZE In.	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH Ft.	STRUCTURAL BACKFILL, TYPE 1 CYS	END SECTIONS	FLOW LINE		INLET/TOP ELEVATION	CONNECT TO STRUCTURE NO.	BACKFILL METHOD	REMARKS	
	STATION	LEFT	RIGHT							CROSS	UP STREAM ELEV.					DOWN STREAM ELEV.
	Line "A"															
36	29+77		X		12	RCP	Inlet Type J-10	10	2.75		905.44	904.93	908.94	34	1	
37	29+77	X			12	RCP	Inlet Type J-10	10	2.75		905.44	904.93	908.94	35	1	
38	35+36		X		-		Manhole Type D-4	-	-		894.60	-	901.47		1	Connect to Existing 30" RCP
39	35+45		X		12	RCP	Hooded Catch Basin Type K-10	24	11.34		898.57	897.88	902.07	38	1	
40	35+45	X			12	RCP	Inlet Type J-10	50	16.95		899.07	898.57	902.07	39	1	
41	36+71.69		X		108 x 108	RCB	Precast Concrete Box Culvert	80	-		884.60	884.00	-			
41A	36+97		X		21	RCP	Manhole Type D-4	42	51.79		891.56	890.93	900.36			Remove Existing Manhole & 42" RCP(S), Connect to Existing 42" RCP(E)
42	37+73		X		42	RCP	Manhole Type D-4	96	161.59	1	887.58	887.37	899.85		1&2	1 RC End Section Required. See Note 1.
42A	37+73		X		12	RCP	Inlet Type E-7	14	2.62		895.27	895.07	898.77	42	1	
43	37+73		X		12	RCP	Hooded Catch Basin Type K-10	3	1.02		895.17	895.07	899.17	42	1	
44	37+73	X			12	RCP	Hooded Catch Basin Type K-10	25	11.81		894.17	893.00	899.17		1	Connect to Exist. 42" RCP
45	37+83		X		12	RCP	Inlet Type J-10	10	2.75		895.67	895.17	899.17	43	1	
46	37+83	X			12	RCP	Inlet Type J-10	10	3.39		895.17	894.67	899.17	44	1	
47	40+29		X		12	RCP	Inlet Type E-7	22	7.13		895.50	895.40	900.00	48	1&2	Pipe Under Forcemain
48	40+29		X		42	RCP	Manhole Type D-4	256	1107.53		888.15	887.58	903.38	42	1	
49	40+29		X		12	RCP	Hooded Catch Basin Type K-10	4	1.62		898.32	898.23	902.82	48	1	
50	40+29	X			12	RCP	Inlet Type J-10	50	16.95		898.82	898.32	902.82	49	1	
51	42+00		X		36	RCP	Manhole Type D-4	171	851.93		888.55	888.15	907.18	48	1	
52	45+00		X		36	RCP	Manhole Type D-4	300	1316.76		889.24	888.55	906.32	51	1	
53	45+00		X		12	RCP	Hooded Catch Basin Type K-10	4	1.62		901.26	901.17	905.76	52	1	
54	45+00	X			12	RCP	Inlet Type J-10	50	16.95		901.76	901.26	905.76	53	1	
55	46+50		X		36	RCP	Manhole Type D-4	150	580.02		889.58	889.24	905.17	52	1	
56	46+50		X		12	RCP	Hooded Catch Basin Type K-10	4	1.62		900.11	900.02	904.61	55	1	
57	46+50	X			12	RCP	Inlet Type J-10	50	16.95		900.61	900.11	904.61	56	1	
58	47+70		X		36	RCP	Manhole Type D-4	120	414.86		889.86	889.58	904.24	55	1	
59	47+70		X		12	RCP	Hooded Catch Basin Type K-10	4	1.36		899.18	899.06	903.68	58	1	
59A	47+70	X			12	RCP	Inlet Type J-10	50	16.95		899.68	899.18	903.68	-		
60	48+78		X		12	RCP	Inlet Type J-10	10	2.75		899.57	899.06	903.07	63	1	
61	48+78	X			12	RCP	Inlet Type J-10	10	2.75		899.57	899.06	903.07	64	1	
62	48+88		X		36	RCP	Manhole Type D-4	118	372.03		890.13	889.86	903.62	58	1	
63	48+88		X		12	RCP	Hooded Catch Basin Type K-10	4	1.36		899.06	899.00	903.06	62	1	
64	48+88	X			12	RCP	Hooded Catch Basin Type K-10	13	4.41		899.06	898.22	903.06	64A	1	
64A	49+00	X			15	RCP	Manhole Type C-4	29	39.13		893.44	893.00	903.62	-	1	Connect to Exist. 42" RCP

NOTES:
1.) Pipe lengths include end sections, contractor to adjust accordingly.



CERTIFIED BY:	DATE
DESIGNED: NCH	DRAWN: MO
CHECKED: GRW	CHECKED: NCH

CITY OF CARMEL

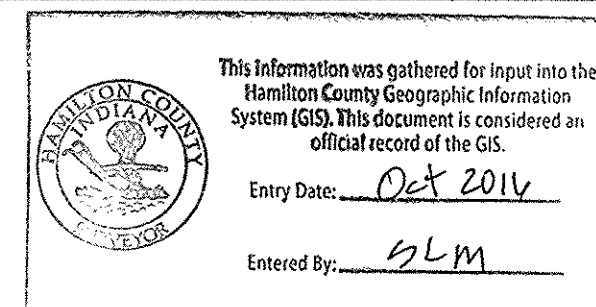
**126TH STREET
STRUCTURE DATA TABLE**

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	
SURVEY BOOK	SHEETS
CONTRACT	33 of 87
	PROJECT

STRUCTURE DATA TABLE

STRUCTURE NUMBER	LOCATION			SIZE In.	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH Ft.	STRUCTURAL BACKFILL, TYPE 1 CYS	END SECTIONS	FLOW LINE		INLET/TOP ELEVATION	CONNECT TO STRUCTURE NO.	BACKFILL METHOD	REMARKS	
	STATION	LEFT	RIGHT							CROSS	UP STREAM ELEV.					DOWN STREAM ELEV.
	Line "A"															
65	49+29	X			RCP	Manhole Type C-2	30	19.58		894.07	893.44	902.00	64A	1		
66	49+93		X		RCP	Manhole Type D-4	105	338.81		890.37	890.13	904.17	62	1	Connect to Exist. 42" RCP(N), Remove Exist. 42" RCP(S)	
67	50+00		X		RCP	Manhole Type D-2	35	67.15		890.45	890.37	901.21	66	1&2	Remove Exist. Structure & Exist. 42" RCP to Str. 66. DO NOT REMOVE PIPE NORTH OF STRUCTURE 66.	
68	50+25		X		RCP	Hooded Catch Basin Type K-10	32	12.96		899.43	898.53	903.93	66	1		
69	50+25	X			RCP	Inlet Type J-10	50	16.95		899.93	899.43	903.93	68	1		
70	51+66		X		RCP	Manhole Type D-4	166	49.80		890.83	890.45	904.27	67	1&2	Connect to Exist. 36" RCP(S) & 18"(E) RCP, Remove Exist. 42" RCP(W)	
71	54+41		X		RCP	Hooded Catch Basin Type K-10	8	3.24		897.55	897.46	902.05	222	1		
71B	54+41		X		-	Manhole Type C-4	-			894.11	-	902.54	-	1	Connect to Exist. Pipe	
72	54+41	X			RCP	Inlet Type J-10	50	16.95		898.05	897.55	902.05	71	1		
72A	56+02		X		RCP	Inlet Type J-10	10	2.75		897.55	897.04	901.05	74	1		
73	56+12		X		RCP	Manhole Type C-4	32	1.60		896.16	895.11	901.66	226	1&2		
74	56+12		X		RCP	Hooded Catch Basin Type K-10	6	2.74		897.04	896.92	901.04	73	1		
75	56+65	X			RCP	Hooded Catch Basin Type K-10	21	7.12		897.14	896.76	901.14	227	1		
200	19+14		X			Existing Inlet									No Change Req'd.	
201	22+57		X			Existing Inlet									Remove Existing Inlet and 14' of 12" R.C.P.	
202	25+19		X			Existing Inlet									No Change Req'd.	
203	Number Not Used															
204	Number Not Used															
205	26+85		X			Existing Inlet									Adjust Casting to Grade	
206	28+62		X			Existing Inlet									Adjust Casting to Grade, Connect Proposed 12" Pipe	
207	30+00		X			Existing Inlet									Adjust Casting to Grade, Connect Proposed 12" Pipe	
208	31+20		X			Existing Inlet									Adjust Casting to Grade	
209	32+69		X			Existing Inlet									No Change Req'd.	
210	33+89		X			Existing Inlet									No Change Req'd.	
211	Number Not Used															
212	39+89		X			Existing Manhole									Adjust Casting to Grade	
213	44+91		X			Existing Manhole									Adjust Casting to Grade	
214	49+88		X			Existing Manhole									Adjust Casting to Grade	
215	50+27		X			Existing Inlet									No Change Req'd.	
216	51+03		X			Existing Inlet									No Change Req'd.	

NOTES:
1.) Pipe lengths include end sections, contractor to adjust accordingly.



CERTIFIED BY: _____		DATE: _____
DESIGNED: NCH	DRAWN: MO	
CHECKED: GRW	CHECKED: NCH	

CITY OF CARMEL

**126TH STREET
STRUCTURE DATA TABLE**

HORIZONTAL SCALE N/A	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION
SURVEY BOOK	SHEETS
CONTRACT	34 of 87
	PROJECT