



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*

October 11, 2011

To: Hamilton County Drainage Board

Re: Crooked Creek Drain, 106<sup>th</sup> and Shelborne Road RAB Reconstruction

Attached is a petition and plans for the proposed reconstruction of the Crooked Creek Drain. The reconstruction is being proposed by the Hamilton County Highway Department. The proposal is to reconstruct the drain to provide drainage for the 106<sup>th</sup> Street and Shelborne Road Round-a-bout. The reconstruction is as shown per plans by Corradino, LLC, having Job No. PR-08-0002, and dated August 11, 2010.

The reconstruction will remove the following drain from the listed arm of Crooked Creek Drain:

English Oaks Extension

497 feet of 15" RCP from Str. 1 to Str. 2  
150 feet of 15" RCP from Str. 2 to Str. 3  
189 feet of 15" RCP from Str. 3 to Str. 4  
51 feet of 15" RCP from Str. 4 to Str. 5  
28 feet of 12" RCP from Str. 5 to Str. 7

English Oaks Arm Reconstruction

67 feet of 15" RCP from Str. 700 to Str. 701  
400 feet of 15" RCP from Str. 701 to Str. 702  
37 feet of 15" RCP from Str. 702 to Str. 703  
121 feet of 15" RCP from Str. 703 to Str. 704  
359 feet of 15" RCP from Str. 704 to Str. 705  
47 feet of 12" RCP from Str. 705 to Str. 705A  
59 feet of 15" RCP from Str. 705 to Str. 706A  
34 feet of 15" RCP from Str. 705B to Str. 705C  
47 feet of 15" RCP from Str. 5 to Str. 6 of the English Oaks Extension

English Oak Arm

48 feet of 15" RCP from Str. 705B to the north

The road project set a new structure in the old location of Str. 706A and picked up the outlet from the detention pond at Holy Trinity Greek Orthodox Church, which is part of the regulated drain. The project also set a new manhole approximately 47 feet north of old Structure 705B and picked up the outlet from English Oaks, which is also regulated drain. These were both tied into the new system which was constructed with the round-a-bout project.

The new drain will start at the open ditch then to Str. 153, 109, 113, 117A, 126, 128, 129, 141, 147, 148, and 149. Also included is Str. 141 to Str. 139, Str. 129 to Str. 132, Str. 132 to Str. 131, Str. 131 to Str. 130, Str 128 to Str. 124, Str. 124 to Str. 123, Str 124 to Str. 125, Str. 125 to Str. 136, Str. 136 to Str. 135, Str. 135 to Str 134, Str. 126 to Str. 155, Str. 117A to Str. 117B, Str. 113 to Str. 114, and Str. 114 to Str. 115.

The new drain for the round-a-bout project will consist of the following:

15" RCP	164 ft.	30" RCP	188 ft.
18" RCP	57 ft.	36" RCP	821 ft.
24" RCP	788 ft.		

The total length of new drain shall be 2,018 feet. The 2,134 feet for the various arms of the Crooked Creek Drain listed above shall be vacated. This proposal will remove 116 feet from the drain's total length.

The cost of the reconstruction was paid by the Hamilton County Highway Department. The Hamilton County Highway Department was not required to provide surety.

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.

The easement for this drain will be the existing right of way for 106<sup>th</sup> Street and Shelborne Road, along with the prior existing easement of parcels 17-13-06-04-05-001.003, owned by Clay Township and 17-13-06-04-05-001.005, owned by Pilgrim Lutheran Church of Indianapolis, Inc.

I recommend the Board set a hearing for this proposed drain for November 28, 2011.



Kenton C. Ward, CFM  
Hamilton County Surveyor

KCW/pll

**Gasb 34 Asset Price &  
Drain Length Log**

**Drain-Improvement:** Crooked Creek: 106th & Shelborne Rd RAB Reconstruction

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
RCP	12	98	98	0	\$7.25 lf	710.50
RCP	15	164	164	0	\$9.50 lf	1558
RCP	18	58	58	0	\$10.50 lf	609
RCP	24	762	762	0	\$18.00 lf	13716
RCP	30	188	188	0	\$24.60 lf	4624.80
RCP	36	803	803	0	\$32.25 lf	25896.75

**Sum:**                      2073                      \$47,115.05

Final Report: 2073

Comments:

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HAMILTON COUNTY DRAINAGE BOARD  
NOBLESVILLE, INDIANA

IN RE: \_\_\_\_\_ )  
Hamilton County, Indiana )

PETITION FOR RELOCATION AND RECONSTRUCTION

\_\_\_\_\_ Hamilton County Highway Department (hereinafter Petitioner"),  
hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a  
section of the \_\_\_\_\_ Crooked Creek \_\_\_\_\_ Drain, and in support of  
said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the \_\_\_\_\_ Crooked Creek \_\_\_\_\_  
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 \_\_\_\_\_ Crooked Creek \_\_\_\_\_ 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 \_\_\_\_\_ Crooked Creek \_\_\_\_\_ Drain, without cost to other property owners  
on the watershed of the \_\_\_\_\_ Crooked Creek \_\_\_\_\_ Drain.

WHEREFORE, Petitioner requests that an Order issued from the Hamilton County  
Drainage Board authorizing relocation and reconstruction of the \_\_\_\_\_ Crooked Creek \_\_\_\_\_  
Drain, in conformance with applicable law and plans and specifications on file with the Hamilton  
County Surveyor.

Signed \_\_\_\_\_

Jeffrey Hill, Agent for Hamilton County Highway

Printed \_\_\_\_\_

FINDINGS AND ORDER

CONCERNING THE PARTIAL VACATION OF THE


**Crooked Creek Drain, English Oaks Extension**

**Structure 1 to Structure 2; Structure 2 to Structure 3;  
Structure 3 to Structure 4; Structure 4 to Structure 5; and  
Structure 5 to Structure 7**

On this *28<sup>th</sup> day of November, 2011*, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the ***Crooked Creek Drain, English Oaks Extension (Structure 1 to Structure 2; Structure 2 to Structure 3; Structure 3 to Structure 4; Structure 4 to Structure 5; and Structure 5 to Structure 7)***.

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 ***Crooked Creek Drain, English Oaks Extension (Structure 1 to Structure 2; Structure 2 to Structure 3; Structure 3 to Structure 4; Structure 4 to Structure 5; and Structure 5 to Structure 7)***.

HAMILTON COUNTY DRAINAGE BOARD

  
\_\_\_\_\_  
President

  
\_\_\_\_\_  
Member

  
\_\_\_\_\_  
Member

Attest: 

FINDINGS AND ORDER

CONCERNING THE PARTIAL VACATION OF THE

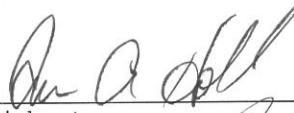
**Crooked Creek Drain, English Oaks Arm Reconstruction**

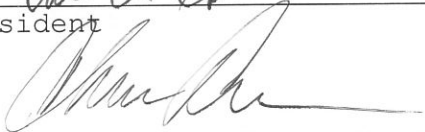
**Structure 700 to Structure 701; Structure 701 to Structure 702;  
Structure 702 to Structure 703; Structure 703 to Structure 704;  
Structure 704 to Structure 705; Structure 705 to Structure 705A;  
Structure 705 to Structure 706A; Structure 705B to Structure 705C; and  
Structure 5 to Structure 6 of the English Oaks Extension**

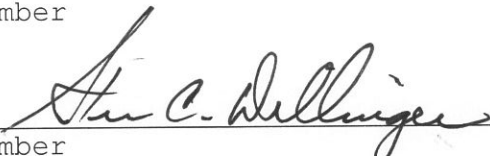
On this **28<sup>th</sup> day of November, 2011**, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **Crooked Creek Drain, English Oaks Arm Reconstruction (Structure 700 to Structure 701; Structure 701 to Structure 702; Structure 702 to Structure 703; Structure 703 to Structure 704; Structure 704 to Structure 705; Structure 705 to Structure 705A; Structure 705 to Structure 706A; Structure 705B to Structure 705C; and Structure 5 to Structure 6 of the English Oaks Extension)**.

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 **Crooked Creek Drain, English Oaks Arm Reconstruction (Structure 700 to Structure 701; Structure 701 to Structure 702; Structure 702 to Structure 703; Structure 703 to Structure 704; Structure 704 to Structure 705; Structure 705 to Structure 705A; Structure 705 to Structure 706A; Structure 705B to Structure 705C; and Structure 5 to Structure 6 of the English Oaks Extension)**.

HAMILTON COUNTY DRAINAGE BOARD

  
\_\_\_\_\_  
President

  
\_\_\_\_\_  
Member

  
\_\_\_\_\_  
Member

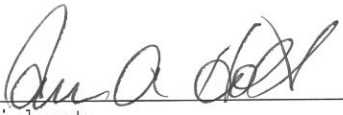
Attest: 

FINDINGS AND ORDER  
CONCERNING THE MAINTENANCE OF THE  
Crooked Creek Drain,  
106<sup>th</sup> and Shelborne Road RAB Reconstruction

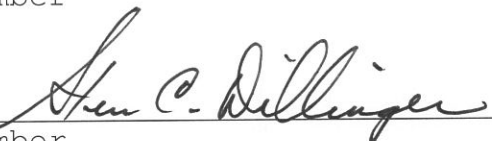
On this 28<sup>th</sup> day of November, 2011, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **Crooked Creek Drain, 106<sup>th</sup> and Shelborne Road RAB Reconstruction.**

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: 

STATE OF INDIANA )  
 ) ss:  
COUNTY OF HAMILTON )

BEFORE THE HAMILTON COUNTY  
DRAINAGE BOARD  
NOBLESVILLE, INDIANA

IN THE MATTER OF THE  
RECONSTRUCTION OF THE  
***Crooked Creek Drain, 106<sup>th</sup> and Shelborne Road RAB Reconstruction***

**FINDINGS AND ORDER FOR RECONSTRUCTION**

The matter of the proposed Reconstruction of the ***Crooked Creek Drain, 106<sup>th</sup> and Shelborne Road RAB Reconstruction*** came before the Hamilton County Drainage Board for hearing ***on November 28, 2011***, 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.

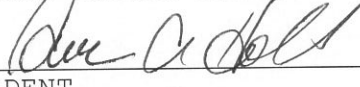
The Board having considered the evidence and objections, upon motion duly made, seconded and unanimously carried, did adopt the Schedule of Assessments as proposed, subject to amendment after inspection of the subject drain as it relates to the lands of any owners which may have been erroneously included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

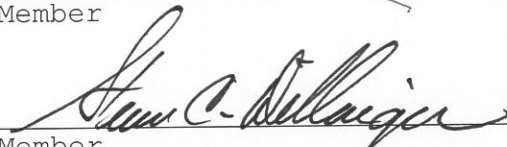
Wherefore, it is ORDERED, that the proposed Reconstruction of the ***Crooked Creek Drain, 106<sup>th</sup> and Shelborne Road RAB Reconstruction*** be and is hereby declared established.

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

*Crooked Creek Drain,  
106<sup>th</sup> and Shelborne Road RAB 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 **Crooked Creek Drain, 106<sup>th</sup> and Shelborne Road RAB Reconstruction** on **November 28, 2011, 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 **Crooked Creek Drain, 106<sup>th</sup> and Shelborne Road RAB Reconstruction**

NOTICE

Notice is hereby given that the Hamilton County Drainage Board at its regular meeting **November 28, 2011** 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: Steven A. Holt  
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**

**December 8, 2011**

**Re: Crooked Creek: 106<sup>th</sup> & Shelborne Road RAB Reconstruction**

Attached are as-builts, certificate of completion & compliance, and other information for 106<sup>th</sup> & Shelborne Road RAB Reconstruction. 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 October 11, 2011. The report was approved by the Board at the hearing held November 28, 2011. The changes are as follows: The 12" RCP is 98 feet, 15" RCP is 164 feet, 18" RCP is 58 feet, 24" RCP is 762 feet, 30" RCP is 188 ft, and the 36" is 803 feet.

The length of the drain due to the changes described above is now **2,073 feet**. There were 2,134 feet of drain removed for this project. Therefore, 61 feet of drain was removed from the overall watershed.

A non-enforcement was not requested for this project. The drain will reside in the right of way for 106<sup>th</sup> & Shelborne and in existing drainage easements. The project was paid for by the Hamilton County Highway Department. Therefore, no sureties were required.

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

Sincerely,

Kenton C. Ward, CFM  
Hamilton County Surveyor

KCW/slm

SEC. 6, T17N, R3E  
CLAY TOWNSHIP  
HAMILTON COUNTY

SEC. 6, T17N, R3E  
CLAY TOWNSHIP  
HAMILTON COUNTY

Thomas W. Riley, et ux.  
BEGIN PROJECT PR-08-0002  
P.O.T. STA. 39+50.00 LINE "PR-A"  
= O.P.O.T. "A" STA. 44+92.54, 10.19' Lt.  
EL. 899.23'

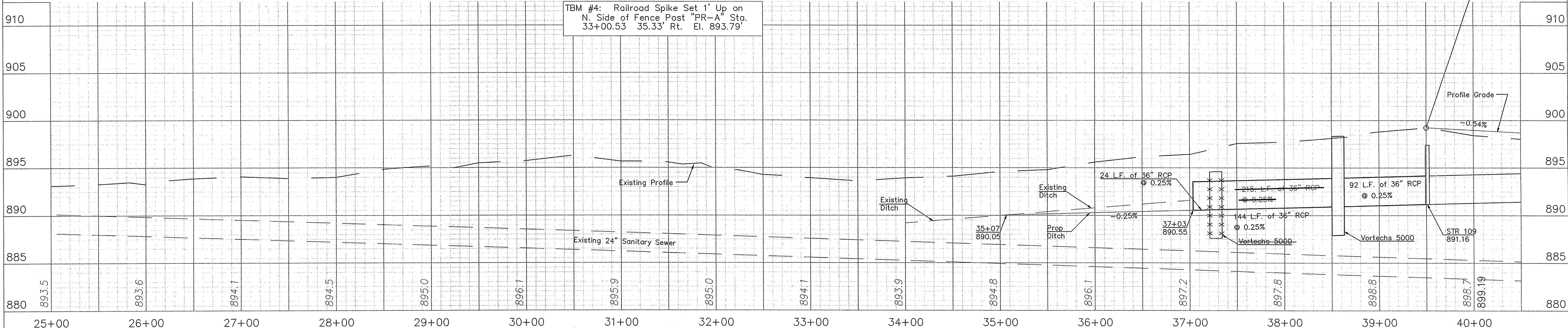
Evelyn N. Dunwoody

Pilgrim Lutheran Church  
of Indianapolis, INC

Jeffrey Jay Teeter, et ux  
Nancy C Moretto  
Marilyn L. Niehaus

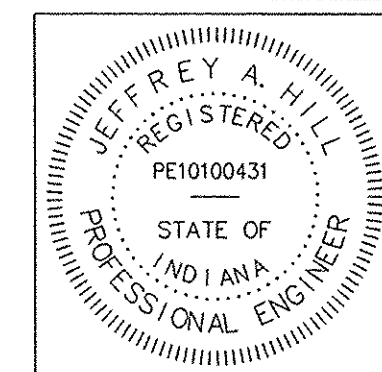
Jane B. Merrill

TBM #4: Railroad Spike Set 1' Up on  
N. Side of Fence Post "PR-A" Sta.  
33+00.53 35.33' Rt. El. 893.79'



AS BUILT PLANS: STORM SEWER REVISED

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: Dec 2011  
Entered By: SLM



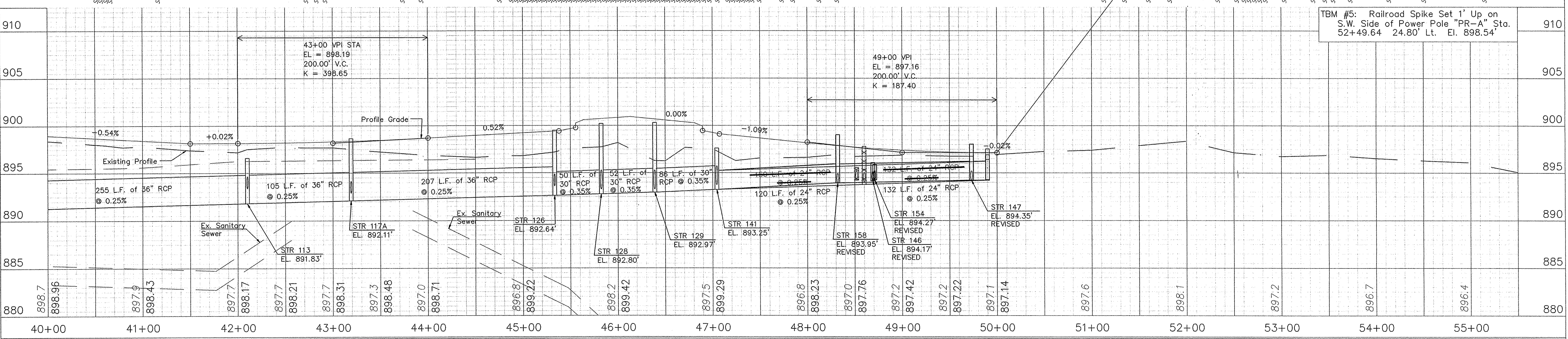
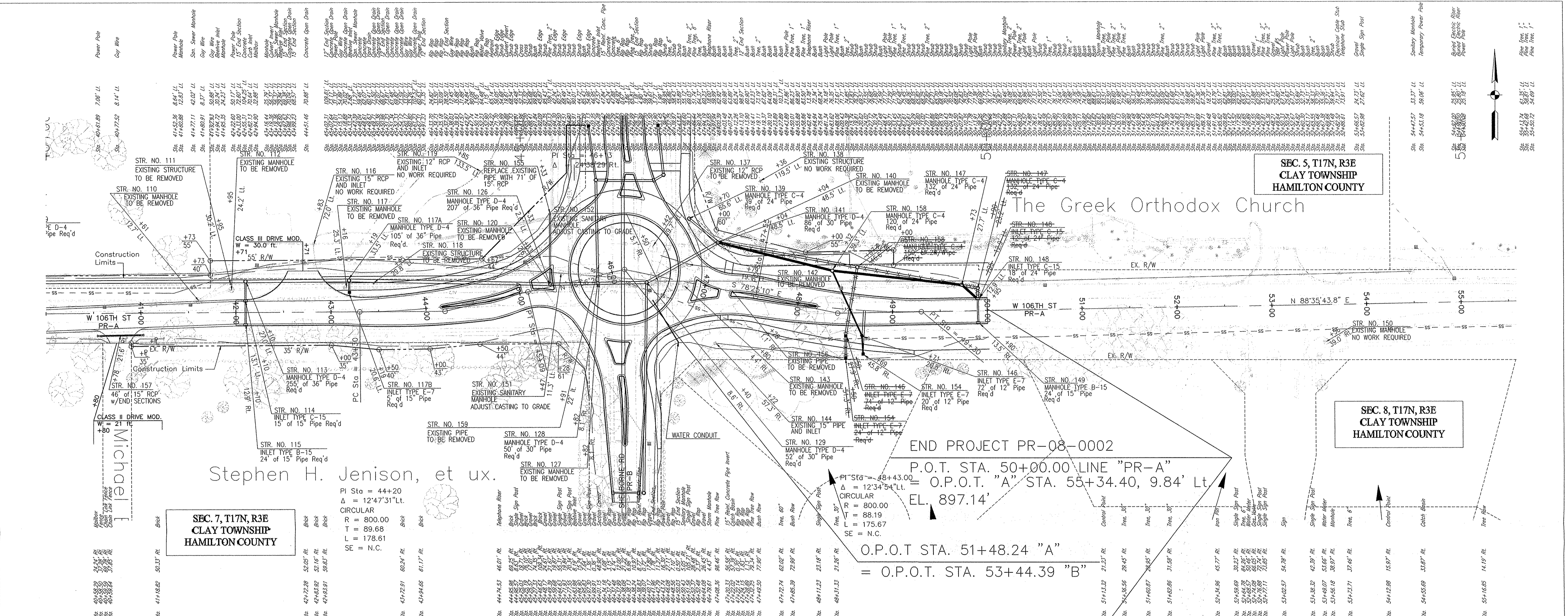
RECOMMENDED FOR APPROVAL 9/16/2010  
DESIGN ENGINEER DATE  
DESIGNED: TDS DRAWN: TJK  
CHECKED: JAH CHECKED: TDS

HAMILTON COUNTY  
HIGHWAY DEPARTMENT  
PLAN AND PROFILE LINE "PR-A"  
STA. 25+00 TO 40+50

HORIZONTAL SCALE 1:50	DESIGNATION
VERTICAL SCALE 1:5	
SURVEY BOOK	SHEETS 7 of 65
CONTRACT	PROJECT PR-08-0002

IMAGE FILES: X:\PROJECTS\106\106.dwg / Layout1  
REFERENCES: F:\CADD\3889\106\106.dwg / Street Shaborn Road\Design\LP  
14-SEP-10, 13:12:09 / Client

IMAGE FILES: \\youtune\_106\geog\topobase\cpr003\STHY0101\STHY0102\14-SEP-10\_13.15.48 / Main  
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 MFD DATE: \\youtune\_106\geog\topobase\cpr003\STHY0101\STHY0102\14-SEP-10\_13.15.48 / Main



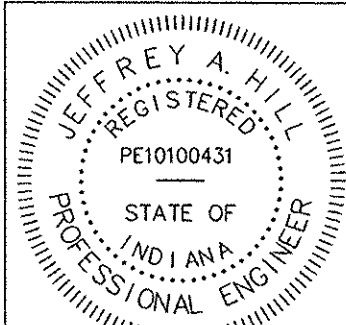
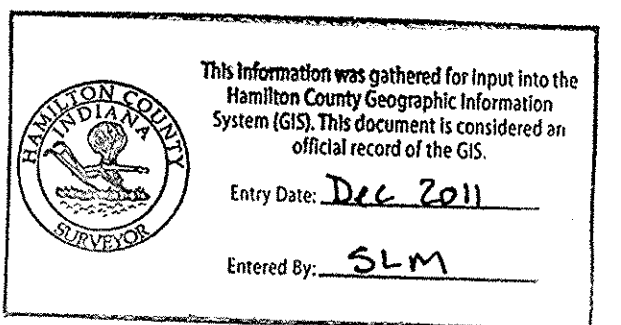
AS BUILT PLANS: STORM SEWER REVISED

<p>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: <b>Dec 2011</b>          Entered by: <b>SLM</b></p>		<p>JEFFREY A. HILL          REGISTERED PROFESSIONAL ENGINEER          STATE OF INDIANA          PE10100431</p>	<p>RECOMMENDED FOR APPROVAL: _____ DATE: 9/16/2010          DESIGN ENGINEER</p> <p>DESIGNED: TDS DRAWN: TJK          CHECKED: JAH CHECKED: TDS</p>	<p>HAMILTON COUNTY          HIGHWAY DEPARTMENT</p> <p><b>PLAN AND PROFILE LINE "PR-A"          STA. 40+00 TO 55+00</b></p>	<table border="1"> <tr> <td>HORIZONTAL SCALE</td> <td>1:50</td> </tr> <tr> <td>VERTICAL SCALE</td> <td>1:5</td> </tr> <tr> <td>DESIGNATION</td> <td></td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEETS</td> </tr> <tr> <td>CONTRACT</td> <td>8 of 65</td> </tr> <tr> <td></td> <td>PROJECT</td> </tr> <tr> <td></td> <td>PR-08-0002</td> </tr> </table>	HORIZONTAL SCALE	1:50	VERTICAL SCALE	1:5	DESIGNATION		SURVEY BOOK	SHEETS	CONTRACT	8 of 65		PROJECT		PR-08-0002
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VERTICAL SCALE	1:5																		
DESIGNATION																			
SURVEY BOOK	SHEETS																		
CONTRACT	8 of 65																		
	PROJECT																		
	PR-08-0002																		

**STRUCTURE DATA TABLE**

STRUCTURE NUMBER	LOCATION					PIPE TYPE	MANHOLE, INLET, INLET OR SPECIALTY STRUCTURE	LENGTH	SKEW	GRATE ELEVATION	COVER	FLOWLINE		SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURAL BACKFIL	REVETMENT RIPRAP	CONCRETE, CLASS A, F STRUCTURES	PIPE END SECTION	GRATED BOX END SECTION	SAFETY METAL END SECTION	CONNECT TO STR. NO.	REMARKS
	STATION	LINE	LEFT	RIGHT	CROSS							SIZE	UP STREAM												
108	37+62	PR-A	X				EXISTING MANHOLE																	TO BE REMOVED	
109	39+51	PR-A	X			36	RCP MANHOLE TYPE D-4	25		899.50	5.3	897.16'	890.62'	75			1	116					153	SEE Plan View	
110	41+61	PR-A					EXISTING MANHOLE																	TO BE REMOVED	
111	41+95	PR-A	X				EXISTING INLET																	TO BE REMOVED	
112	41+95	PR-A	X				EXISTING MANHOLE																	TO BE REMOVED	
113	42+10	PR-A	X			36	RCP MANHOLE TYPE D-4	255		897.32	2.5	891.83'	891.16'	75			1	137					109		
114	42+10	PR-A	X			15	RCP INLET TYPE C-15	15		897.96	3.3	893.44'	893.41'	75			1	3						113	
115	42+10	PR-A		X		15	RCP INLET TYPE B-15	24		897.95	3.2	893.49'	893.44'	75			1	4						114	
116	42+83	PR-A	X				EXISTING INLET																	NO WORK REQUIRED	
117	43+16	PR-A	X				EXISTING MANHOLE																	TO BE REMOVED	
117A	43+19	PR-A	X			36	RCP MANHOLE TYPE D-4	105		897.70	2.6	892.11'	891.83'	75			1	57						113	
117B	43+19	PR-A	X			15	RCP INLET TYPE E-7	5		897.63	3.5	892.92'	892.91'	75			1	1						117A	
118	43+45	PR-A	X				EXISTING STRUCTURE																	TO BE REMOVED	
119	44+85	PR-A	X				EXISTING INLET																	NO WORK REQUIRED	
120	45+33	PR-A	X				EXISTING MANHOLE																	TO BE REMOVED	
121	63+75	PR-B	X				EXISTING INLET																	NO WORK REQUIRED	
122	63+88	PR-B	X				EXISTING PIPE																	NO WORK REQUIRED	
123	62+49	PR-B	X			18	RCP INLET TYPE E-7	58		899.05	3.9	893.69'	893.56'	75			1	12						124	
124	61+92	PR-B	X			24	RCP MANHOLE TYPE C-4	108		897.70	2.1	893.56'	893.30'	75			1	36						128	
125	61+92	PR-B	X			24	RCP INLET TYPE C-15	12		899.18	3.6	893.58'	893.56'	75			1	4						124	
126	45+33	PR-A	X			36	RCP MANHOLE TYPE D-4	207		899.98	4.3	892.64'	892.11'	75			1	111						117A	
127	45+82	PR-A		X			EXISTING MANHOLE																	TO BE REMOVED	
128	45+82	PR-A		X		30	RCP MANHOLE TYPE D-4	50		902.50	7.2	892.80'	892.64'	75			1	21						126	
129	46+40	PR-A		X		30	RCP MANHOLE TYPE D-4	52		902.50	7.0	892.97'	892.80'	75			1	21						128	
130	58+65	PR-B	X			15	RCP INLET TYPE B-15	25		896.64	1.3	894.05'	894.00'	75			1	5						131	
131	58+65	PR-B		X		24	RCP INLET TYPE C-15	9		896.64	0.6	894.00'	893.97'	75			1	3						132	
132	58+65	PR-B		X		24	RCP MANHOLE TYPE C-4	218		896.46	0.5	893.97'	893.30'	75			1	74						129	
133	67+12	PR-B		X			EXISTING MANHOLE																	NO WORK REQUIRED	
134	62+50	PR-B	X			24	RCP INLET TYPE E-7	52		898.78	2.9	893.83'	893.71'	75			1	18						135	
135	61+98	PR-B		X		24	RCP MANHOLE TYPE C-4	12		899.36	3.6	893.71'	893.69'	75			1	4						136	
136	61+92	PR-B		X		24	RCP INLET TYPE C-15	48		899.36	3.7	893.69'	893.58'	75			1	16						125	
137	46+42	PR-A	X				EXISTING PIPE																	TO BE REMOVED	
138	47+35	PR-A	X				EXISTING STRUCTURE																	NO WORK REQUIRED	
139	46+70	PR-A	X			24	RCP MANHOLE TYPE C-4	39		899.15	3.3	893.84'	893.75'	75			1	13						141	
140	47+04	PR-A	X				EXISTING MANHOLE																	REPLACE EXISTING MANHOLE AND PIPE	
141	47+04	PR-A	X			30	RCP MANHOLE TYPE D-4	86		897.61	1.9	893.25'	892.97'	75			1	35						129	
142	46+79	PR-A	X				EXISTING MANHOLE																	TO BE REMOVED	
143	46+80	PR-A		X			EXISTING MANHOLE																	TO BE REMOVED	
144	47+22	PR-A		X			EXISTING INLET																	NO WORK REQUIRED	
145	59+67	PR-B		X			EXISTING MANHOLE																	NO WORK REQUIRED	
146	48+50	PR-A		X		12	RCP INLET TYPE E-7	74		895.55	0.3	894.25'	894.08'	75			1	12						158	
147	49+90	PR-A	X			24	RCP MANHOLE TYPE C-4	132		897.70	1.5	894.23'	893.77'	75			1	45						158	
148	49+90	PR-A	X			24	RCP INLET TYPE C-15	12		896.93	0.7	894.25'	894.23'	75			1	4						147	
149	49+90	PR-A		X		15	RCP INLET TYPE B-15	24		896.92	1.4	894.30'	894.25'	75			1	4						148	
150	53+56	PR-A		X			EXISTING MANHOLE																	NO WORK REQUIRED	
151	45+47	PR-A	X				EXISTING SANITARY MANHOLE																	ADJUST CASTING TO GRADE	
152	46+50	PR-A		X			EXISTING SANITARY MANHOLE																	ADJUST CASTING TO GRADE	
153	37+21	PR-A	X			36	RCP VORTECHS 5000 BMP STR	24		897.18	3.6	890.61'	890.55'	75			1	13	48				1	OUT	
154	48+50	PR-A		X		12	RCP INLET TYPE E-7	24		895.40	0.1	894.30'	894.25'	75			1	4						146	
155	45+33	PR-A	X			15	RCP PIPE	71		895.23	0.2	893.81'	893.64'	75			1	13						126	
156	47+28	PR-A	X				EXISTING PIPE																	REPLACE EXISTING PIPE	
157	40+78	PR-A		X		15	RCP DRIVEWAY PIPE	46		897.50	0.6	895.62'	895.41'	75			1	8						2	
158	48+58	PR-A	X			24	RCP MANHOLE TYPE C-4	150		897.80	2.0	893.77'	893.26'	75			1	51						141	
159	45+91	PR-A	X				EXISTING PIPE																	TO BE REMOVED	

MAKE FILES  
 REFERENCES  
 FILE NAME  
 HRD WIT



RECOMMENDED FOR APPROVAL: *[Signature]* 9/16/2010  
DESIGN ENGINEER DATE

DESIGNED: TDS DRAWN: TJK  
CHECKED: JAH CHECKED: TDS

HAMILTON COUNTY  
HIGHWAY DEPARTMENT

**STRUCTURE DATA TABLE**

HORIZONTAL SCALE	N/A	DESIGNATION	
VERTICAL SCALE	N/A		
SURVEY BOOK		SHEETS	32 of 65
CONTRACT		PROJECT	PR-08-0002