

Drain: DEERFIELD **Drain #:** 213
Improvement/Arm: RECONSTRUCTION PHASE II
Operator: J. LIVINGSTON **Date:** 2-4-04
Drain Classification: Urban/Rural **Year Installed:** 2000

GIS Drain Input Checklist

- Pull Source Documents for Scanning sum/jwj
- Digitize & Attribute Tile Drains _____
- Digitize & Attribute Storm Drains jwj
- Digitize & Attribute SSD jwj
- Digitize & Attribute Open Ditch _____
- Stamp Plans jwj
- Sum drain lengths & Validate jwj
- Enter Improvements into Posse jwj
- Enter Drain Age into Posse _____
- Sum drain length for Watershed in Posse _____
- Check Database entries for errors jwj

**Gasb 34 Footages for Historical Cost
Drain Length Log**

Drain-Improvement: DEERFIELD - RECONSTRUCTION PHASE II

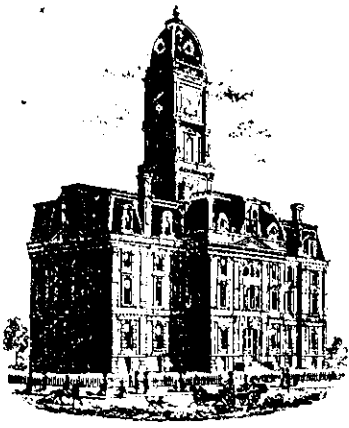
Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
RCP	12"	883'	883'			
SDR 35	8"	487'	487'			

Sum: 1370' 1370' \$35,150.00

Final Report: 1320'

Comments:

THE ENTIRE UNDER RELOCATION (1997) WAS REMOVED
DURING CONSTRUCTION OF THIS IMPROVEMENT.



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776-9628

Suite 188

One Hamilton County Square

Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

Date: October 9, 2000

Re: Deerfield Drain Petition for Reconstruction

Attached are plans, specifications, drain map, drainage-shed map, and schedule of assessments for the reconstruction of the Deerfield Drain. The drainage area is located in Clay Township in Hamilton County and benefits properties in sections 9 & 10, township 17 north, range 3 east, with a total acreage of approximately 127.47 acres. The reconstruction project will be done in two phases.

A Reconstruction Petition for Phase I of the reconstruction for the Deerfield Drain was received on July 15, 1999. The petition was filed for the purpose of extending the regulated drain to include the downstream portion of the drainage system that serves as the outlet for the Deerfield Drain. Currently the regulated portion ends at the west side of Ditch Road approximately 1286 feet north of the southeast corner of section 9-17-3. The downstream portion, which continues east of Ditch Road, is not regulated. The tile petitioned to be accepted as part of the regulated Deerfield Drain extends south and east to the Marion County-Hamilton County line at 96th Street

A Relocation and Reconstruction Petition for Phase II of the Deerfield Drain was received on October 4, 2000. The petition was filed for the purpose of relocating and reconstructing the Deerfield Drain through the Asherwood Golf Course as part of the golf course expansion. M & B Associates, LLC, owner of the Asherwood golf course will pay for this relocation and reconstruction. This reconstruction will consist of 1567 feet of new tile. 630 feet of existing tile will be abandoned resulting in a net increase of 937 feet to the Deerfield Drain.

The Deerfield Drain was originally petitioned through The Hamilton County Drainage Board in 1986, and consisted of 5493 feet of tile and 120 feet of open ditch for a total length of 5613 feet. In 1997 the drainage board was petitioned to relocate and reconstruct a portion of the Deerfield Drain through the Lundeen property. The petition was approved

and 630 feet of 10" concrete tile was installed and 480 feet of tile was vacated resulting in a net gain of 150 feet to the drain for a total length of 5763 feet. The benefited acreage for the watershed was 77.61 acres and 44 lots.

Phase I of the proposed reconstruction of the Deerfield Drain will extend the regulated portion to include the downstream portion of the drainage system that serves as the outlet for the Deerfield Drain. The proposed extension will begin at the west side of Ditch Road approximately 1286 feet north of the southeast corner of section 9-17-3 at the point where the regulated drain currently ends. The tile then runs in a general southeasterly direction entering the Cedar Point Subdivision near the north west corner of Lot #3 of Cedar Point Subdivision, at which point the tile outlets and becomes an open drain. The open ditch continues south under Cedar Point Drive and then southeast to a culvert under 96th Street. The proposed extension would end at the south end of the culvert under 96th Street approximately 980 feet east of the southwest corner of section 10-17-3 and includes approximately 1620 feet of tile and 325 feet of open ditch. The additional benefited acreage would be 49.86 acres. Additionally, two catch basin structures on Cedar Point Drive located near the south east corner of Lot #3 of Cedar Point Subdivision and the 150 feet of 15" RCP which outlets into the open ditch from the two catch basins will be accepted as part of the regulated drain. The extension would increase the length of the Deerfield Drain to a total of 7708 feet.

The proposed extension for Phase I of the Deerfield would require easement through three parcels, Parcel No 17-13-10-00-00-041.000, owned by Mary Jane Meeker (petitioner for Phase I) and Parcels No 17-13-10-00-00-039.000 and 17-13-10-00-00-040.000, owned by Video Indiana Inc. The easement would be 25 feet in width on the east and north side of the tile and 75 feet in width on the south and east side of the tile, measured at a right angle from the centerline of the tile, for a total width of 100 feet.

An existing drainage easement 75' in width, south of Cedar Point Drive to the north right-of-way line of 96th street, will be sufficient for maintenance of the open portion of the drain, Cedar Point Drive catch basins and associated drain pipe. Existing drainage & utility easements and road right of way will be sufficient for maintenance access on the north side of Cedar Point Drive. No additional easement will be necessary within the Cedar Point Subdivision. Record of all existing easements are recorded on the original plat for the Cedar Point Subdivision, Plat Book 6, Pages 131-132 in the Hamilton County Recorder's Office.

Phase I

Phase I of the proposed reconstruction includes clearing and dredging of the open portion of the drain south of Cedar Point Drive, the replacement of 60 feet of 15" RCP and the addition of a 20' CMP outlet pipe on the 15" RCP at the open ditch. The estimated cost of the reconstruction is \$5,968.50.

Phase I Reconstruction Estimate

15" RCP - 60' @ \$17.50 per foot	\$1050.00
18" CMP - outlet pipe 20' @ \$17.00 per foot	\$340.00
Armor Pipe ends with rip-rap - 2 locations @ \$450.00	\$900.00
Clearing	\$1,000.00
Seeding	\$100.00
Dredging - 325 feet @ \$4.00 per foot	\$1,300.00
Removal of spoils/debris	\$500.00
	Sub Total \$5,190.00
	+ 15 % contingencies \$778.50
	<hr/> Total \$5968.50

Phase II

Phase II of the proposed reconstruction will consist of 940 feet of 12" RCP and 627 feet of 6" SDR 35. 630 feet of 10" concrete tile will be abandoned resulting in a net increase of 937 feet of additional length to the Deerfield Drain. A manhole structure will be set on the west side of Ditch Road for inspection and clean out. This reconstruction would increase the length of the Deerfield Drain to a total of 8645 feet. M & B Associates, LLC, owner of the Asherwood golf course will pay all costs associated the Phase II relocation and reconstruction.

I have reviewed the plans and revised drainage shed for the Deerfield Drain of 127.47 acres and upon considering each parcel individually, I believe that each parcel within the drainage shed will have equal benefits as provided by the drain. Therefore I recommend each tract be assessed on the same basis equally. I also believe that no damages will result to landowners by the reconstruction of this drain. I recommend a reconstruction assessment of \$32.52 per acre with a minimum assessment of \$32.52 per parcel.

I recommend the Board place the extended Deerfield Drain drainage area on a maintenance program as set out in IC 36-9-27-38. This drainage area is not presently under a maintenance program.

I have reviewed the revised drainage shed and believe that the drain will benefit each tract equally for the purpose of maintenance. Therefore I recommend each tract within the drainage shed be assessed for maintenance equally at a rate of \$2.00 per acre with a

minimum assessment set at \$20.00 per tract. Road right-of-way will be assessed at a rate of \$10.00 per acre. The annual maintenance collection will be \$2,073.54.

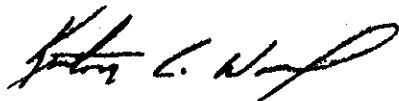
The nature of the maintenance work, which may be required, is as follows:

- a. Removal and/or prevention of brush within the drainage easement by hand, mechanical or spray methods.
- b. Re-excavating of open ditch to original grade line.
- c. Installation and /or repair of surface water structure as might be required.
- d. Bank erosion protection and/or seeding as might be required.
- e. Repair of private tile outlet ends as might be required.
- f. Repair of regulated tile outlet at drain end.
- g. Replacement of broken tile outlet ends as might be required.
- h. Cleaning and/or repair of existing catch basins as might be required.
- i. Installation of catch basins or inlets as may be required.
- j. Removal of debris and/or blockage from the existing tile drain including jetting or video work.
- k. Installation and/or repair of breather pipes.
- l. Removal of debris and/or blockage from the existing open drain.
- m. Any other repairs necessary to restore the drain to it's original intended condition.

The frequency with which maintenance work should be performed annually is as required by the condition of the drain.

Upon review of the drainage shed for the Deerfield Drain, I believe that the drain meets the requirements for Urban Drain Classification as set out in IC 36-9-27-67 to 69. Therefore I recommend that the Deerfield Drain should be designated as an Urban Drain.

I recommend the Board set a hearing for this proposed reconstruction and maintenance project for November 27th, 2000.



Kenton C. Ward

Hamilton County Drainage Board
Court House
Noblesville, Indiana

IN RE: _____
Hamilton County, Indiana

PETITION FOR RELOCATION AND RECONSTRUCTION

Richard O. Lundeen (hereinafter "Petitioner"),
hereby petitions the Hamilton County Drainage Board for authority to re-
locate and improve a section of the Deerfield Drain,
and in support of said petition advises the Board that:

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

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

X Richard O. Lundeen
Signed

Richard O. Lundeen
Printed Name

FILED

SEP 11 1991

HAMILTON COUNTY DRAINAGE BOARD

SECRETARY



ST. PAUL SURETY COMPANIES

BOND NUMBER 400SA6760

KNOW ALL MEN BY THESE PRESENTS, That we M & B Associates, LLC, by Centaur Consulting, Inc., Agent for M & B Associates, LLC, P.O. Box 40444, Indianapolis, IN 46240, as Principal, and St. Paul Fire and Marine Insurance Company, 385 Washington Street, St. Paul, MN 55102, a Corporation of the State of Minnesota, authorized to do business in the State of Indiana, as Surety, are held and firmly bound unto the Hamilton County Board of Commissioners, One Hamilton County Square, Noblesville, IN 46060, as Obligee, in the sum of Thirty Five Thousand One Hundred Fifty and 00/100 (\$35,150.00) Dollars lawful money of the United States of America, to be paid to the said Hamilton County Board of Commissioners, its successors and assigns, jointly and severally, firmly by these presents.

Sealed with our Seal and Dated this 29th day of September, 2000.

WHEREAS, M & B Associates, LLC, by Centaur Consulting, Inc., Agent for M & B Associates, LLC, has made applications to Obligee for approval of improvements in connection with the Deerfield Regulated Drain, Parcel Numbers 17-13-09-00-00-016.000, 17-13-09-00-00-016.002 and 17-13-09-00-00-015.000 located at 9950 Ditch Road, Hamilton County, Clay Township, Indiana, which estimate is attached and made part hereof and

WHEREAS, a condition of approval of said application is that principal furnish a bond guaranteeing performance of said improvements in accordance with the ordinances, rules, regulations and specifications established by the Hamilton County Surveyor's Office, One Hamilton County Square, Suite 188, Noblesville, IN 46060.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH That if the above named Principal shall, well and truly perform the aforesaid improvements referred to herein above, and in accordance with all of the ordinances, rules and regulations and conditions of approval of the Deerfield Regulated Drain to the satisfaction of the County Engineer, and shall faithfully perform the duties and obligations provided there in and shall save harmless the Hamilton County Board of Commissioners from any loss or damage by reason of non-performance of the duties and obligations of the said Principal, then this obligation shall be void, otherwise to remain in full force and effect.

This bond will be in effect for a period of two (2) years from the date of execution. In no event shall the surety be liable for a sum greater than the penalty of this bond.



Witness as to Principal

M & B ASSOCIATES, LLC
BY: CENTAUR CONSULTING, INC.
AGENT FOR M & B ASSOCIATES, LLC


BY: 

Aaron Y. Cohen, President



Witness as to Surety

ST. PAUL FIRE AND MARINE
INSURANCE COMPANY

BY: 

James D. Pipino, Attorney-In-Fact
Gallagher Pipino, Inc.
7600 Market Street
Youngstown, OH 44512

POWER OF ATTORNEY

Seaboard Surety Company
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company
St. Paul Mercury Insurance Company

United States Fidelity and Guaranty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.

Power of Attorney No. 20797

Certificate No. 557101

KNOW ALL MEN BY THESE PRESENTS: That Seaboard Surety Company is a corporation duly organized under the laws of the State of New York, and that St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company and St. Paul Mercury Insurance Company are corporations duly organized under the laws of the State of Minnesota, and that United States Fidelity and Guaranty Company is a corporation duly organized under the laws of the State of Maryland, and that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc. is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Sam D. Pipino, James D. Pipino, Mary T. Pipino and Theodore S. Pipino

Youngstown Ohio

of the City of _____, State _____, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign its name as surety to, and to execute, seal and acknowledge any and all bonds, undertakings, contracts and other written instruments in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and sealed this 1st day of December, 1999

Seaboard Surety Company
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company
St. Paul Mercury Insurance Company
United States Fidelity and Guaranty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.



John F. Phinney
JOHN F. PHINNEY, Vice President

Thomas E. Huijbregtse
THOMAS E. HUIJBREGTSE, Assistant Secretary

State of Maryland
City of Baltimore

On this 1st day of December, 2000, before me, the undersigned officer, personally appeared John F. Phinney and Thomas E. Huijbregtse, who acknowledged themselves to be the Vice President and Assistant Secretary, respectively, of Seaboard Surety Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, United States Fidelity and Guaranty Company, Fidelity and Guaranty Insurance Company, and Fidelity and Guaranty Insurance Underwriters, Inc.; and that the seals affixed to the foregoing instrument are the corporate seals of said Companies; and that they, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing the names of the corporations by themselves as duly authorized officers.

In Witness Whereof, I hereunto set my hand and official seal.
My Commission expires the 13th day of July, 2002.



Rebecca Easley-Onokala
REBECCA EASLEY-ONOKALA, Notary Public

Financial Statement – December 31, 1999

St. Paul Fire and Marine Insurance Company

Assets

Liabilities, Surplus & Other Funds

Bonds	\$ 7,360,908,209
Stocks	4,558,379,126
Mortgage Loans	8,000,000
Real Estate	698,641,132
Cash on Hand/Deposit	22,860,772
Short Term Investments	447,292,427
Other Invested Assets	934,058,820
Receivable for Securities	35,349,217
Agents' Balances	937,767,434
Funds held dep. with Reins Co.	70,860,431
Reinsurance Recoverable	67,589,140
Guaranty Funds Receivable	5,490,800
EDP Equipment	28,595,201
Accrued Interest & Dividends	135,892,908
Equity/Deposits/ Pools & Assoc.	47,919,540
Other Assets	<u>138,379,316</u>

Losses	\$ 6,385,471,184
Reins. Payable on Paid Losses	27,670,770
Loss Adjustment Expenses	1,463,836,071
Contingent Commissions	27,741,641
Other Expenses	149,951,089
Taxes, Licenses and Fees	40,343,096
Federal & Foreign Income Taxes	268,546,766
Unearned Premiums	1,485,861,391
Dividends Unpaid - Policyholders	41,789,039
Fund Held - Reins. Treaties	50,255,311
Funds Withheld	88,289,579
Remittances and items not allocated	42,155,768
Provision for Reinsurance	78,176,068
Adjustment for Foreign Exchange	59,916,030
Drafts Outstanding	92,875,598
Payable to Affiliates	41,551,585
Payable for Securities	7,905,189
Other Liabilities	305,469,450
Special Reserve-Guaranty Fund	<u>1,000,000</u>

TOTAL LIABILITIES 10,658,805,625

Guaranty Surplus Fund	1,000,000
Capital Paid Up	20,000,000
Surplus	<u>4,818,178,848</u>

Surplus as Regards Policyholders 4,839,178,848

TOTAL ASSETS \$15,497,984,473

TOTAL LIABILITIES & SURPLUS \$15,497,984,473

Securities carried at \$676,702,264 in the foregoing statement, are deposited as required by law.

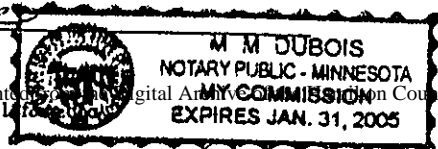
STATE OF MINNESOTA)
) SS
 COUNTY OF RAMSEY)

John C. Treacy, Vice President and Controller of the St. Paul Fire and Marine Insurance Company, being duly sworn, deposes and says that he is the above described officer of said company; that said company is a corporation duly organized, existing and engaging in business as a surety company under and by virtue of the laws of the State of Minnesota, and has duly complied with all requirements of the laws of said state applicable to said company and is duly qualified to act as surety under such laws; that the above is a true statement of the assets and liabilities of said company of the 31st day of December, 1999.

Subscribed and sworn to before me this 28th day of February, 2000..

M. M. Dubois

John C. Treacy



John C. Treacy, Vice President and Controller

CERTIFICATE OF AUTHORITY
Department of Insurance
State of Indiana
OFFICE OF
Insurance Commissioner

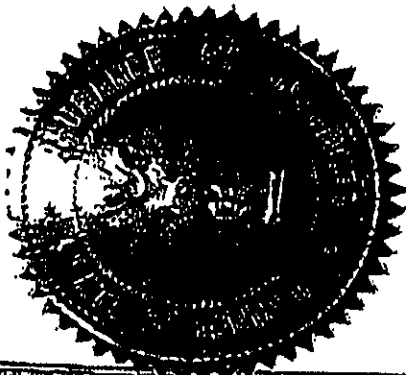
Indianapolis, Indiana, May 30, 1979

Whereas, The St. Paul Fire And Marine Insurance Company
of St. Paul, Minnesota *having complied with all*
the requirements of the laws regulating Multi-Line
Insurance Companies doing business in the State of Indiana,

Now, THEREFORE, I, H. P. Hudson, *Insurance Commissioner of the State of*
Indiana, by virtue of authority vested in me by law, do hereby authorize, empower and license
the said CORPORATION *to transact its appropriate business of*

Class 2 (a) (b) (c) (d) (e) (f) (g) (h) (i) (j) (k excluding bail
bonds) (l)
Class 3 (a) (b) (c) (d)

through its duly authorized agents in the State of Indiana, in accordance with the laws thereof
which are applicable to said Company, ~~XX~~
~~XX~~



IN TESTIMONY WHEREOF I herunto subscribe
my name and affix the seal of my office the date
first written above.

H. P. Hudson

INSURANCE COMMISSIONER

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: Hamilton County Surveyor
RE: Asherwood

I hereby certify that:

1. I am a Register Engineer in the State of Indiana
2. I am familiar with the plans and specifications for the above referenced subdivision.
3. I have personally observed and supervised the completion of the Drainage Facilities for the above referenced subdivision, and
4. To the best of my knowledge, information and belief, the Drainage Facilities within the subdivision has been installed and completed in conformity with all plans and specifications.

Signature: *Duane A. Sharrer* Date: Jan. 6, 2004

Type or print name: Duane A. Sharrer

Business /Address: The Schneider Corporation
8901 Otis Avenue, Indianapolis, Indiana 46216

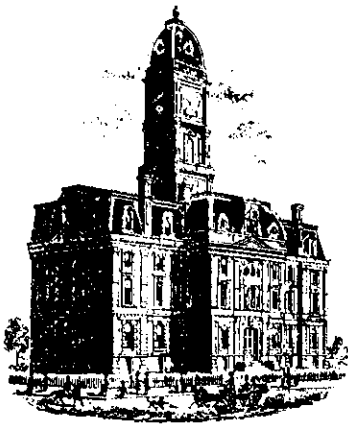
Telephone: (317) 826.7302

SEAL



INDIANA REGISTRATION NUMBER

PE 60890258



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor
 Phone (317) 776-8495
 Fax (317) 776-9628

Suite 188
 One Hamilton County Square
 Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

December 30, 2003

**Re: Deerfield Drain: Asherwood Golf Course
 Reconstruction Phase II**

Attached are as-builts, certificate of completion & compliance, and other information for Asherwood Golf Course 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 9, 2000. The report was approved by the Board at the hearing held November 27, 2000. (See Drainage Board Minutes Book 5, Pages 510-516) The changes are as follows:

Structure:	T.C.:	I.E.:	Pipe:	Length:	Grade:	Original:	Difference:
108	842.15	835.85					
105	838.32	835.77	12	43	0.19	22	21
105	838.32	835.74					
103	838.2	835.42	12	61	0.52	60	1
103	838.2	835.31					
102	838.8	832.29	12	374	0.81	379	-5
102	838.8	831.82					
101	838.99	830.79	12	149	0.69	148	1
101	838.99	830.69					
100	831.47	828.17	12	256	0.98	258	-2
107	846.36	842.71					
106	849.01	840.25	8" sdr 35 pvc	114	2.16	113	1
106	849.01	839.9					
103	838.2	835.42	8" sdr 35 pvc	373	1.67	375	-2

**RCP Pipe
 Totals:**

12	883
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**Other
 Drain:**

8" sdr 35 pvc	487
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The length of the drain due to the changes described above is now **1370 feet**.


The non-enforcement was approved by the Board at its meeting on December 11, 2000 and recorded under instrument #200100002884.

The following sureties were guaranteed by St. Paul Surety Companies and released by the Board on its February 9, 2004 meeting.

Bond-LC No: 400SA 6760
Insured For: Drain Improvements
Amount: \$35,150.00
Issue Date: September 29, 2000

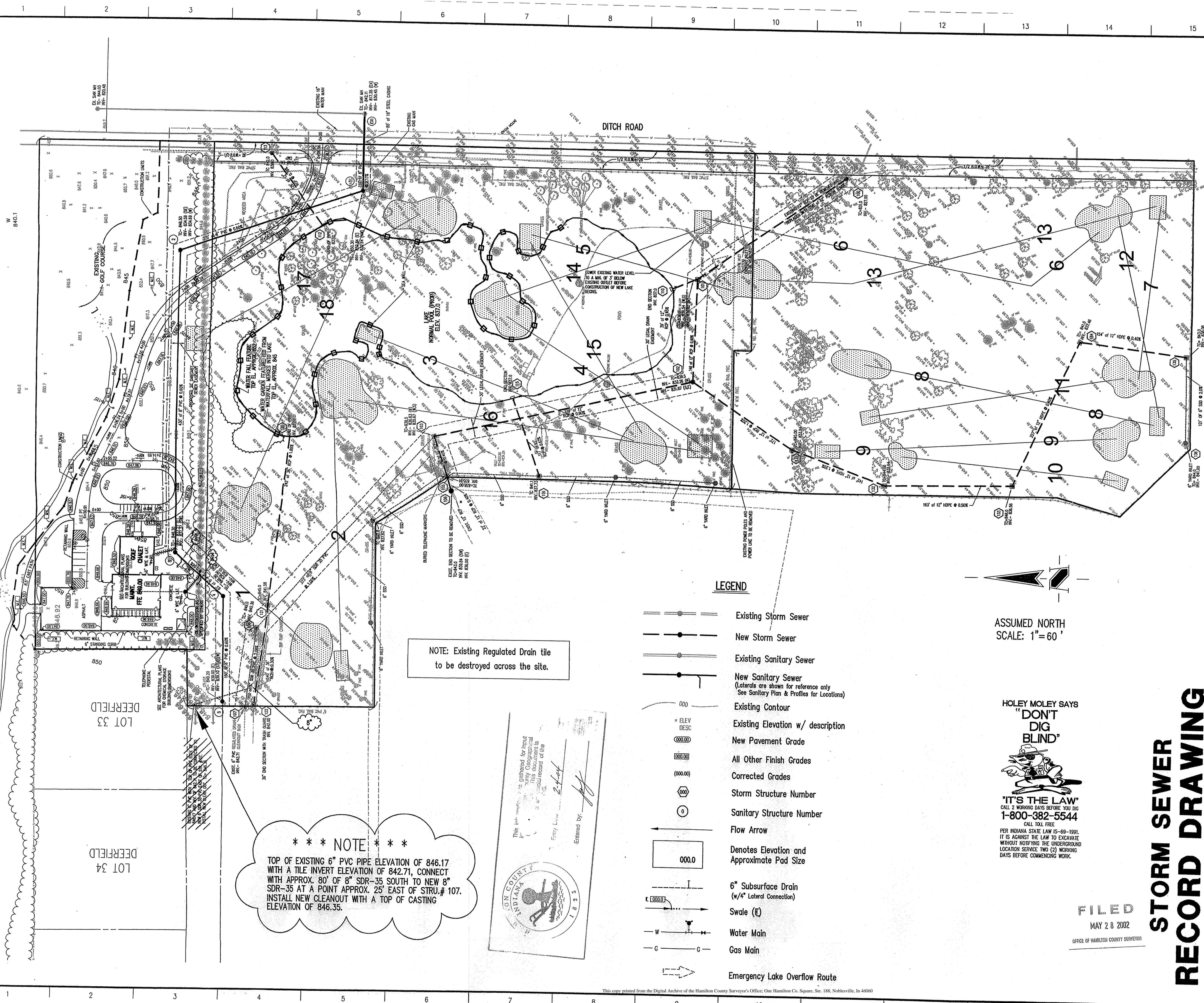
I recommend the Board approve the drain's construction as complete and acceptable.

Sincerely,



Kenton C. Ward,
Hamilton County Surveyor

KCW/slm



GENERAL NOTES

1. ALL GRADES AT BOUNDARY SHALL MEET EXISTING GRADES.
2. IT SHALL BE THE RESPONSIBILITY OF EACH SUBCONTRACTOR TO VERIFY ALL EXISTING UTILITIES AND CONDITIONS PERTAINING TO HIS PHASE OF WORK. IT SHALL ALSO BE THE SUBCONTRACTOR'S RESPONSIBILITY TO CONTACT THE OWNERS OF THE VARIOUS UTILITIES FOR PROPER STAKE LOCATION OF EACH UTILITY BEFORE WORK IS STARTED. THE SUBCONTRACTOR SHALL NOTIFY IN WRITING THE OWNER AND THE ENGINEER OF ANY CHANGES, OMISSIONS, OR ERRORS FOUND ON THESE PLANS OR IN FIELD BEFORE WORK IS STARTED OR RESUMED.
3. STANDARD SPECIFICATIONS FOR THE CITY OF CARMEL, INDIANA SHALL APPLY FOR ALL SANITARY AND STORM SEWERS.
4. ANY PART OF THE SANITARY OR STORM SEWER TRENCHES RUNNING UNDER PAVED AREAS TO BE BACKFILLED WITH GRANULAR MATERIAL.
5. THE SIZE AND LOCATION OF EXISTING UTILITIES SHOWN ARE PER INFORMATION PROVIDED BY THE RESPECTIVE UTILITY COMPANIES. ALL UTILITY COMPANIES SHOULD BE NOTIFIED PRIOR TO ANY EXCAVATION FOR FIELD LOCATION OF SERVICES.
6. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
7. ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
8. CONTRACTOR SHALL MINIMIZE DAMAGE TO EXISTING TREES.

BENCHMARK

MARION C-189: BRONZE PLATE IN THE NORTH END OF THE EAST CURB OF TOWNSHIP LINE ROAD BRIDGE OVER I-465 (SCHNEIDER ENGINEERING CORP. # 545) ELEVATION = 875.14

- Revisions**
1. BGC 08/27/00 REVISED PER PLAN REVIEW COMMENTS
 2. BGC 09/28/00 REVISED PIPE MATERIAL FROM SDR 116 TO 115 TO RCP
 3. BGC 10/10/00 ADDED OIL SEPARATOR LATERAL LOCATION
 4. BAH 10/31/00 REVISED STORM SEWER, LEGAL DRAIN LOCATION AND ADDED EMERGENCY LAKE OVERFLOW ROUTE
 5. BGC 11/13/00 REVISED STORM INFO AT STR.# 103
 6. BGC 01/18/01 REVISED STORM
 7. BGC 01/22/01 REVISED CONCRETE SECTION LINES AROUND MAINT. BLDG.
 8. 04/03/01 STORM SEWER "RECORD DRAWING".

CERTIFICATION FOR "RECORD DRAWING"

NOTE:
Record drawing certification for information in clouded areas only.

DATE: 5/3/01

CERTIFIED BY: *L. Max Cooper*

THIS DRAWING AND THE IDEAS, DESIGNS AND CONCEPTS CONTAINED HEREIN ARE THE EXCLUSIVE INTELLECTUAL PROPERTY OF THE SCHNEIDER CORPORATION AND ARE NOT TO BE USED OR REPRODUCED IN WHOLE OR IN PART, WITHOUT THE WRITTEN CONSENT OF THE SCHNEIDER CORPORATION.

2001, The Schneider Corporation

Schneider Corporation

Historic Fort Harrison
8901 Otis Avenue
Indianapolis, Indiana 46216-1037
317-826-7100
317-826-7300 Fax

Engineering
Surveying
Landscape Architecture
GIS • LIS
Geology

Formerly Schneider Engineering Corp. / Bohlen, Meyer, Gibson & Assoc.

M & B ASSOCIATES LLC
ASHERWOOD GOLF COURSE EXPANSION
CARMEL, INDIANA

DEVELOPMENT PLAN (WITHOUT CONTOURS)

Date 09/18/00	Project No. 612.001	Drawn TSC	Approv.
Computer Files S:\612\001\CAD\C102A REF: S:\612\001\DWG\612PT090			Sheet No. C102A

LEGEND

- Existing Storm Sewer
- New Storm Sewer
- Existing Sanitary Sewer
- New Sanitary Sewer
(Laterals are shown for reference only
See Sanitary Plan & Profiles for Locations)
- Existing Contour
- Existing Elevation w/ description
- New Pavement Grade
- All Other Finish Grades
- Corrected Grades
- Storm Structure Number
- Sanitary Structure Number
- Flow Arrow
- Denotes Elevation and Approximate Pad Size
- 6" Subsurface Drain (w/4" Lateral Connection)
- Swale (E)
- Water Main
- Gas Main
- Emergency Lake Overflow Route

ASSUMED NORTH
SCALE: 1"=60'

HOLEY MOLEY SAYS
"DON'T DIG BLIND"

"IT'S THE LAW"
CALL 2 WORKING DAYS BEFORE YOU DIG
1-800-382-5544
CALL TOLL FREE

PER INDIANA STATE LAW IS-69-1991, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

FILED
MAY 28 2002
OFFICE OF HAMILTON COUNTY SURVEYOR

NOTE: Existing Regulated Drain tile to be destroyed across the site.

*** NOTE ***
TOP OF EXISTING 6" PVC PIPE ELEVATION OF 846.17 WITH A TILE INVERT ELEVATION OF 842.71, CONNECT WITH APPROX. 80' OF 8" SDR-35 SOUTH TO NEW 8" SDR-35 AT A POINT APPROX. 25' EAST OF STRU.# 107. INSTALL NEW CLEANOUT WITH A TOP OF CASTING ELEVATION OF 846.35.

This plan was prepared for input by the Hamilton County Surveyor's Office. It is the responsibility of the client to provide accurate information and to verify the accuracy of the information provided. The Hamilton County Surveyor's Office is not responsible for any errors or omissions in this document.

Entered by: *[Signature]*