



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

July 9, 2007

To: Hamilton County Drainage Board

Re: Highland Springs Drain Reconstruction

Attached are plans, specifications, drain map, drainage-shed map, and schedule of assessments for the Reconstruction of Highland Springs Drain located in Fall Creek Township. This proposal was petitioned by the homeowners within the Highland Springs Subdivision on September 17, 2005. This proposed project will dredge approximately 900 CY of material from the channel between Highland Springs Drive and the northeast portion of the subdivision pond. Also, this project will repair a severe leak in the existing outlet and stand-pipe structure with a reinforced wall of GeoGuard 20 sheet piling.

The new regulated drain shall consist of that following:

36" CMP	305 feet
Open Ditch	1,435 feet

The open ditch as listed above shall be the open channel from the new pipe as installed for Fox Hollow at Geist Section 3 as noted in my report dated January 12, 2005 and approved at hearing on February 28, 2005 (HCDB Minutes Book 8, Pages 189-191) to the pond in Block "A" of the Highland Springs, Section 1 Subdivision. This includes a straight line through the pond from inlet to outlet. It also includes the open ditch between the outlet of the 12" RCP between Lots 33 and 34 as described in my report dated December 29, 1982 and approved at hearing on March 7, 1983 (HCDB Minutes Book 1, Page 521), to the open ditch located in Block "A" of the Springs of Cambridge, Section 1 as described in my report dated December 16, 1993 and approved at hearing on March 28, 1994 (HCDB Minutes Book 3, Pages 231-232).

Highway Department and Town of Fishers will be assessed at \$100.00 per acre. Tract 13-15-11-04-01-036.000 should be assessed \$3,500.00. Tract 13-15-11-00-00-005.000 should be assessed \$500.00. Tract 13-15-11-04-01-035.001 should be assessed \$170.00. Tract 13-15-11-04-01-018.001 should be assessed \$85.00.

An assessment of \$1,500.00 per lot will be assessed to the lots around the lake for the construction. Those lots are as follows:

<u>Parcel</u>	<u>Owner</u>
13-15-11-04-01-020.000	Charles & Sharon Moone
13-15-11-04-01-021.000	Max & Theresa Williams
13-15-11-04-01-022.000	Chinku Michael & Moonyoung Kim
13-15-11-04-01-023.000	Ronald & Marcia Marshall
13-15-11-04-01-024.000	Ronald White
13-15-11-04-01-025.000	Thomas & Martha Preston
13-15-11-04-01-028.000	Kurt Stuhldreher
13-15-11-04-01-029.000	Nick & Marcieta Farley
13-15-11-04-01-030.000	Syed Zaman & Sandra Elda Olmos
13-15-11-04-01-031.000	Jeffrey & Susan Breiner
13-15-11-04-01-032.000	Matthew Shafer
13-15-11-04-01-033.000	Jerry & Susan Barker
13-15-11-04-01-035.000	Mark & Margo Fritz
13-15-11-00-00-006.000	Donald & Doris Langebartels
13-15-11-00-00-006.001	Donald & Doris Langebartels

Easements for a portion of the work area are currently in place as shown on the plat for Highland Springs Section 1 as recorded on August 18, 1976 in the office of the Hamilton County Recorder in Book 6, Page 22. The plat calls for a drainage and utility easement (D & UE) 50' in width around the lake on Lots 1 to 13. The exception to this is Lot 2 which has an 80' drainage and utility easement. It also calls for a 20' easement along the east side of Block "B" which covers the dam. The RCP and Open Ditch between Lots 33 and 34 is covered by a 20' per half drainage and utility easement. New easements will be needed on Block "B", tract 13-15-11-04-01-035.000 owned by Mark & Margo C. Fritz and tract 13-15-11-04-01-035.001 owned by Donald F. & Doris M. Langebartels. The easement for the north-south open ditch shall be 35' per half and the easement for the east-west 36" pipe shall be 15' per half as based on the existing center lines of the pipe and open ditch.

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

The maintenance assessments currently assessed for the Springs of Cambridge and Fox Hollow Drains shall remain the same at this time. The parcels listed below shall be added to the Highland Springs assessment roll for maintenance.

The pond is not to become part of the Highland Springs Drain. Only the inlet into the pond and the outlet shall become part of the regulated drain measured. Therefore, dredging of the pond and dam maintenance shall not be part of the maintenance under this regulated drain but shall remain the responsibility of the owner of the pond and those property owners abutting the pond. The existing outlet pipe will become regulated for the entire length of 305 feet of this 36" CMP conveyance.

The drainage area covers portions of Section 11, Township 17 North, Range 5 East and consists of portions of Highland Springs and Fox Hollow. The Highland Springs Drain project will consist of a reconstruction of the pond outlet. Below is the hydraulic data for the existing pipe:

Watershed	= 80.3 acres
Highland Springs Q ₁₀	= 24 cfs
Highland Springs Q ₁₀₀	= 40 cfs
Pipe Capacity (36" CMP)	= 64.65 cfs

COST ESTIMATE

The cost estimate for this work shall be as follows:

Dredging

900 CYs Dredging Pond Material @ \$55.55 per CYs	\$ 20,000.00
0.1 Acre Clearing @ \$25,000.00 per Acre,	\$ 3,500.00
<u>Erosion Control Blankets, Permanent Seeding</u>	<u>\$4,000.00</u>

Spillway Dam Structure

32 LF of GeoGuard 20 with, Removal of Tree, Backfilled with #8 Stone, Cap with 6" Fiber Mesh Concrete Slab, 1 Lump Sum	\$ 17,000.00
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Engineering	\$ 2,000.00
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Sub Total	\$46,500.00
+ 15% contingencies	\$6,975.00
<hr/> Total	<hr/> \$53,475.00

I have reviewed the drainage shed for Highland Springs Drain and the Fox Hollow at Geist, Sections 2 thru 5 and upon considering all parcels individually; I believe that each parcel within the drainage shed will have equal benefits by land use as provided by the drain unless noted otherwise below. Therefore I recommend each tract be assessed on the same basis equally by land use. I recommend that each tract be assessed as residential at a reconstruction assessment of \$170.00 per lot, the Hamilton County

<u>Parcel</u>	<u>Owner</u>
13-15-11-00-00-005.000	Opportunity Options Inc. Etal
13-15-11-00-00-006.000	Donald & Doris Langebartels
13-15-11-00-00-006.001	Donald & Doris Langebartels
13-15-11-04-01-015.000	Lindell Beamon
13-15-11-04-01-016.000	Richard & Robin Lusk
13-15-11-04-01-017.000	Barbara McGrath
13-15-11-04-01-018.000	Mark & Dianne Ogden
13-15-11-04-01-019.000	Robert Trout
13-15-11-04-01-020.000	Charles & Sharon Moone
13-15-11-04-01-021.000	Max & Theresa Williams
13-15-11-04-01-022.000	Chinku Michael & Moonyoung Kim
13-15-11-04-01-023.000	Ronald & Marcia Marshall
13-15-11-04-01-024.000	CitiMortgage, Inc.
13-15-11-04-01-025.000	Thomas & Martha Preston
13-15-11-04-01-029.000	Nick & Marcieta Farley
13-15-11-04-01-030.000	Syed Zaman & Sandra Elda Olmos
13-15-11-04-01-035.000	Mark & Margo Fritz
13-15-11-04-01-036.000	Warren E Stibbins
13-15-11-04-01-018.001	Robert Trout
13-15-11-04-01-035.001	Donald & Doris Langebartels

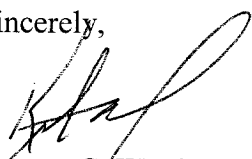
This drain was designated an urban drain by the Board on March 7, 1983.

Upon a check of the McCordsville U.S.G.S. Quadrangle Map, I found that from the tile outlet on the west side of Highland Springs Drive to the confluence with Bills Branch, the length of drain is under 10 miles. Therefore, per IC14-28-1-22, a permit from IDNR is not required.

This project will not require a Rule 5 NPDES permit since the area of disturbed land will be less than 1 acre.

I recommend that the Board set a hearing for this reconstruction for August 27, 2007.

Sincerely,



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/pll


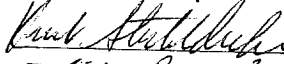
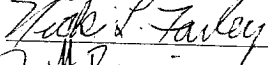

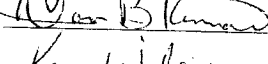
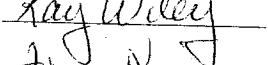
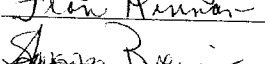
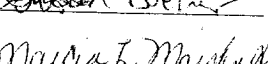
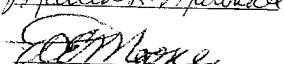
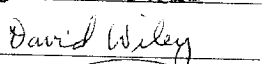
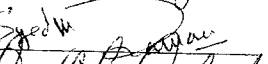
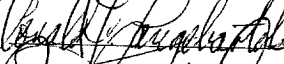
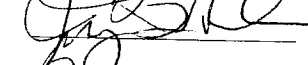


SEPTEMBER 17, 2005

To: Hamilton County Drainage Board

Re: In the matter of the HIGHLAND SPRINGS Drain Petition

Comes now the undersigned individuals, who petition the Hamilton County Drainage Board, per IC 36-9-27, for the reconstruction of the above referenced regulated drain. The undersigned believe the following:

1. They are owners of ten percent (10%) in acreage or more of land area alleged by the petition to be affected by the drain.
2. That as property owners within the drainage shed, they are qualified petitioners.
3. That they now desire the regulated drain be reconstructed in FALL CREEK Township.
4. The names and address of each owner affected by the proposed public drainage are attached hereto, made a part hereof, and marked Exhibit "A", which area of land involved in the proposed drainage area is located in section 11, township 17 north, range 5 east, Hamilton County Indiana.
5. That the proposed reconstruction consist of REMOVE/REPLACE OUTLET DRAIN AT DAM END OF HIGHLAND SPRINGS POND. DREDGE NORTHEAST PORTION OF POND. REMOVE/REPLACE INLET PIPE AT SOUTHERN END OF POND.
6. That in the opinion of the Petitioner, the costs, damages, and expenses of the proposed improvement will be less than the benefits which will result to the owners of the land to be benefited thereby.
7. That in the opinion of Petitioner, the proposed improvement will improve the public health; benefit a public highway; and be of public utility.
8. That Petitioners shall pay the cost of notice and all legal costs including engineering expenses if the petition is dismissed.
9. Petitioner shall post a bond, if required, to pay the cost of notice and all legal costs in the case the improvement is not established.

Signature	Printed Name	Printed Address
	THOMAS E. PRESTON	9963 HIGHLAND SPRINGS DR. N.
	KURT STUHLREHER	19241 HIGHLAND SPRINGS DR.
	NICK L. FARLEY	13217 HIGHLAND SPRINGS DR.
	JEFF BREIMER	13173 Highland Springs Dr.
	DON B. KINMAN	13297 HIGHLAND SPRINGS DR.
	KAY WILEY	13265 Highland Springs Dr.
	13297 Highland Springs Dr.	13297 Highland Springs Dr.
	Susan Breimer	13173 Highland Springs Dr.
	MARCIA L. MARSHALL	9687 Highland Springs Dr. N.
	E. Charles E. Moore	9601 Highland Springs Dr. N.
	DAVID WILEY	13265 HIGHLAND SPRINGS DR. N.
	SYED ZAMAN	13193 Highland Springs Dr.
	DONALD F. LANGEBARTELS	13150 EAST 96th STREET
	Jerry L. Barker	13131 Highland Springs CT
	Ronald G. Marshok	9687 Highland Springs Dr. N.

Returned

OFFICE OF
HAMILTON COUNTY DRAINAGE BOARD

Notice of Hearing on Reconstruction & Schedule of Assessments and Damages on the Highland Springs Drain.

Stibbins, Warren E 25%, Warren E Stibbins MD Inc Profi
11435 Lakeshore Dr W
Carmel, IN 46032

The reconstruction report of the Surveyor and schedule of damages and benefits as determined by the Drainage Board for the proposed improvement known as the **Highland Springs Drain** have been filed and are available for inspection in the office of the County Surveyor. The schedule of assessments shows the following lands in your name are affected as follows:

Description of Land	Acres Benefited	Damages	Reconst. Assmt.	% of Total	Maint. Assmt.
13-15-11-04-01-036.000					
Highland Springs 1st Blk A 2.70Ac	2.7	Zero	\$3,500	6.51%	\$20
S11 T17 R5					

The hearing on the Surveyor's reconstruction report and on the schedules of damages and assessments are set for hearing at **9:05 A.M. on August 27, 2007**, in the Commissioner's Court. The law provides the objects must be written and filed not less than 5 days before the date of the hearing. Objections may be for causes as specified by law and which are available at the Surveyor's Office. Written evidence in support of objections may be filed. The failure to file objections constitutes a waiver of your right to thereafter object, either before the Board or in court on such causes, to any final action of the Board. On or before the day of the hearing before the Board, the Surveyor shall and any owner of affected lands may cause written evidence to be filed in support of or in rebuttal to any filed objections.

HAMILTON COUNTY DRAINAGE BOARD
One Hamilton County Square, Ste. 188
Noblesville, IN 46060-2230

Returned

OFFICE OF
HAMILTON COUNTY DRAINAGE BOARD

Notice of Hearing on Reconstruction & Schedule of Assessments and Damages on the Highland Springs Drain.

Miles, Brian
9880 Wading Crane Ave
McCordsville, IN 46055

The reconstruction report of the Surveyor and schedule of damages and benefits as determined by the Drainage Board for the proposed improvement known as the **Highland Springs Drain** have been filed and are available for inspection in the office of the County Surveyor. The schedule of assessments shows the following lands in your name are affected as follows:

Description of Land	Acres Benefited	Damages	Reconst. Assmt.	% of Total	Maint. Assmt.
13-15-11-00-14-006.000					
Fox Hollow at Geist 3rd Lot 110	One Lot	Zero	\$170	0.32%	\$No change
S11 T17 R5					

The hearing on the Surveyor's reconstruction report and on the schedules of damages and assessments are set for hearing at **9:05 A.M. on August 27, 2007**, in the Commissioner's Court. The law provides the objects must be written and filed not less than 5 days before the date of the hearing. Objections may be for causes as specified by law and which are available at the Surveyor's Office. Written evidence in support of objections may be filed. The failure to file objections constitutes a waiver of your right to thereafter object, either before the Board or in court on such causes, to any final action of the Board. On or before the day of the hearing before the Board, the Surveyor shall and any owner of affected lands may cause written evidence to be filed in support of or in rebuttal to any filed objections.

HAMILTON COUNTY DRAINAGE BOARD
One Hamilton County Square, Ste. 188
Noblesville, IN 46060-2230

Returned

OFFICE OF
HAMILTON COUNTY DRAINAGE BOARD

Notice of Hearing on Reconstruction & Schedule of Assessments and Damages on the Highland Springs Drain.

Opportunity Options Inc. Etal
11435 Lakeshore Dr W
Carmel, IN 46032

The reconstruction report of the Surveyor and schedule of damages and benefits as determined by the Drainage Board for the proposed improvement known as the **Highland Springs Drain** have been filed and are available for inspection in the office of the County Surveyor. The schedule of assessments shows the following lands in your name are affected as follows:

Description of Land	Acres Benefited	Damages	Reconst. Assmt.	% of Total	Maint. Assmt.
13-15-11-00-00-005.000					
S11 T17 R5 0.02 Ac Residential/Ag	0.02	Zero	\$500	0.93%	\$20

The hearing on the Surveyor's reconstruction report and on the schedules of damages and assessments are set for hearing at **9:05 A.M. on August 27, 2007**, in the Commissioner's Court. The law provides the objects must be written and filed not less than 5 days before the date of the hearing. Objections may be for causes as specified by law and which are available at the Surveyor's Office. Written evidence in support of objections may be filed. The failure to file objections constitutes a waiver of your right to thereafter object, either before the Board or in court on such causes, to any final action of the Board. On or before the day of the hearing before the Board, the Surveyor shall and any owner of affected lands may cause written evidence to be filed in support of or in rebuttal to any filed objections.

HAMILTON COUNTY DRAINAGE BOARD
One Hamilton County Square, Ste. 188
Noblesville, IN 46060-2230

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF

Highland Springs Drain Reconstruction

NOTICE

To Whom It May Concern and: Miles, Brian
Opportunity Options, Inc. Etal

Notice is hereby given of the hearing of the Hamilton County Drainage Board concerning the reconstruction of the **Highland Springs Drain** on **August 27, 2007**, 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 **Highland Springs Drain Reconstruction**

NOTICE

Notice is hereby given that the Hamilton County Drainage Board at its regular meeting **August 27, 2007** 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

Donald F. and Doris M. Langebartels

13150 East 96th Street
McCordsville, IN 46055



August 22, 2007

Hamilton County Surveyor's Office
Suite 188, One Hamilton County Square
Noblesville, IN 46060-2230
Attn: Kenton C. Ward, Surveyor

Re: Assessment for Highland Springs Drain Reconstruction, Letters of July 9, 2007
Parcels 13-15-11-00-00-006.000(+.001)+(13-15-11-04-01-035.001)

Dear Sir:


Please consider this letter a formal objection to the proposed assessment assigned to our property, which, for some unknown reason, consists of three "Parcels," and for which the subject letters indicate that our proposed assessment is more than twice that of all the other residents around the lake; i.e. \$3170.

We fail to understand why our proposed assessment should be any greater than that of the other residents, simply because our property - no larger than most of the others around the lake - has been broken up into three parcels. We are currently, in fact, working with DeBoy Land Development Surveyors to have our property re-platted such that it will consist of only one parcel. It is my understanding that you have been in contact with Michael DeBoy concerning this matter. With the approval of that re-platting it seems to us that our proposed assessment should be the same as that of the other residents around the lake; i.e. \$1500.

Please take these facts into consideration, and please reconsider (and adjust) the proposed assessment for our property accordingly.

Thank you in advance for taking care of this matter.

Sincerely,


Donald F. and Doris M. Langebartels

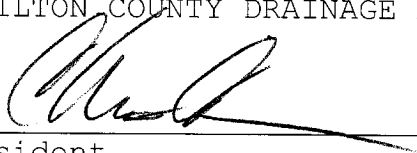
cc: Hamilton County Drainage Board

FINDINGS AND ORDER
CONCERNING THE MAINTENANCE OF THE
Highland Springs Drain

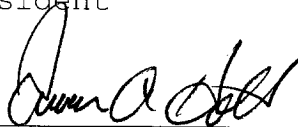
On this **27th day of August 2007**, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **Highland Springs Drain**.

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



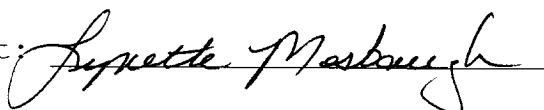
President



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
Highland Springs Drain

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the *Highland Springs Drain* came before the Hamilton County Drainage Board for hearing on *August 27, 2007*, 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.

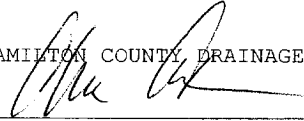
The Board having considered the evidence and objections, upon motion duly made, seconded and unanimously carried, did adopt the Schedule of Assessments as proposed, subject to amendment after inspection of the subject drain as it relates to the lands of any owners which may have been erroneously included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

NOTICE TO BIDDERS

NOTICE IS HEREBY GIVEN THAT SEALED BIDS FOR THE RECONSTRUCTION OF THE **HIGHLAND SPRINGS DRAIN** IN SECTION 11, TOWNSHIP 17 NORTH, RANGE 5 EAST FALL CREEK TOWNSHIP WILL BE OPENED AND READ ON THE **10th** DAY OF **SEMPTEMBER 2007** AT **12:01 P.M.** BY THE HAMILTON COUNTY DRAINAGE BOARD IN THE HAMILTON COUNTY COMMISSIONERS COURT IN THE HAMILTON COUNTY JUDICIAL BUILDING, ONE HAMILTON COUNTY SQUARE, NOBLESVILLE, INDIANA 46060-2230.

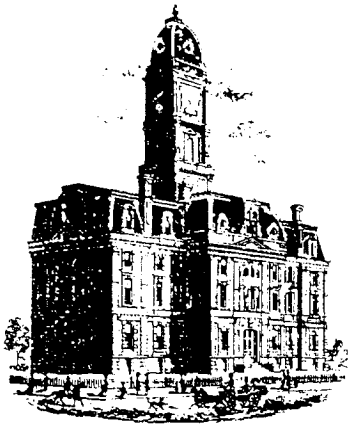
All bids must be on proposal forms furnished by the Hamilton County Surveyor and accompanied by a bid bond or certified check in an amount equal to five percent (5%) of the bid amount. The bidder shall also execute a **FORM 96** as required by the State Board of Accounts and include a notarized non-collusion affidavit with the bid documents.

Plans and specifications for the project are on file in the office of the Hamilton County Drainage Board / Surveyor's Office at One Hamilton County Square, Suite 188, Noblesville, Indiana 46060.

A non-refundable fee for plans and specifications of fifteen dollars (\$15.00) is required. Check payable to the Hamilton County Treasurer.

ALL BIDS WILL BE SUBMITTED TO THE DRAINAGE BOARD SECRETARY BY 11:30 A.M. September 10, 2007.

Attest: Lynette Mosbaugh
Executive Secretary



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 2, 2007

Rhino Trucking & Excavating, Inc.
Jason Bynum
2816 S. Central Way
Anderson, IN 46011

RE: Highland Springs Reconstruction

The bid for the Highland Springs Reconstruction Contract was awarded on September 24, 2007 at the Hamilton County Drainage Board meeting. We are pleased to inform you that the Highland Springs Reconstruction Contract was awarded to Rhino Trucking & Excavating, Inc.

Please come to the Hamilton County Surveyor's Office to sign your contract and receive the bid bond submitted with your bid. If you have any questions please contact Steve Baitz with the Surveyor's Office at (317) 776-8495.

Sincerely,

Lynette Mosbaugh
Executive Secretary
Hamilton County Surveyor's Office

SPECIAL INSTRUCTIONS

Although the Special Instructions that follow are listed separately from the body of the contract, they are to be considered as instruction given "in addition to" those found in the Specifications portion of the contract. Therefore, the bidder is advised to read and thoroughly understand, the requirements found in the Specifications section. Any further unanswered questions or discrepancies should be addressed to the Hamilton County Surveyor's Office for a determination.

PROJECT DESCRIPTION:

The reconstruction of the Highland Springs Drain shall consist of excavating 900 Cubic Yards of pond sediment and repair of the pond outlet structure.

PROJECT START DATE

Construction may begin after the preconstruction conference.

CONSTRUCTION STAKING:

Construction staking shall be done by Mr. Joseph Mullins of the Hamilton County Surveyor's Office. He can be reached at 317-776-8495.

CONSTRUCTION INSPECTION:

Construction inspection shall be done by Steve Baitz of the Hamilton County Surveyor's Office. He can be reached at 317-776-8495.

BENCHMARKS:

Benchmarks shall be provided to the contractor at time of construction staking.

CONTRACTORS CLAIM DATES

The claims will be submitted by 8:30 AM to the Hamilton County Surveyor's Office Administrative Assistant on these due dates:

October 1, 2007
October 15, 2007
November 5, 2007
November 19, 2007
December 3, 2007
December 17, 2007

PRE-CONSTRUCTION MEETING:

At least ten (10) days prior to the commencement of the construction activities and no later than one (1) week after the bid is awarded to the Contractor a pre-construction meeting shall be scheduled. The scheduling and notification of such meeting shall be the responsibility of the County Surveyor's Office. Those invited shall be those listed as follows: County Surveyor or his representative, Contractor, Project Inspector, representative of Utilities in project area and any other interested parties.

EXCAVATION (DREDGING):

Approximately 900 Cubic Yards of sediment shall be removed from the open ditch between Highland Springs Drive and the pond. This material is bottom sediment and banks should not be disturbed. All material must be removed from site. Limits of material removal shall be determined once the pond is drawn down for the repair of the pond outlet structure. Contractor shall use care so as not to damage yards in this area. Operation side shall be the north side of the open ditch and pond. If vacuum removal is utilized it shall be so stated on the bid form.

CLEARING:

Clearing shall be only those trees necessary to obtain access to the drain between the pond and Highland Springs Drive for the removal of sediment. Clearing shall also include the removal of the tree immediately west of the pond outlet structure. Clearing debris is to be removed from the project site.

SEEDING / EROSION CONTROL:

Seeding shall be done on all disturbed yard areas. Seeding shall be done utilizing a yard seed mix. A 0.1 Acre area of disturbance has been estimated as needing reseeded. Contractor shall utilize proper erosion control during the project so as to reduce sediment back into the pond and to maintain yards and streets free from sedimentation and debris.

UTILITIES:

It shall be the Contractors responsibility to contact the owners of the various utilities before work is started.

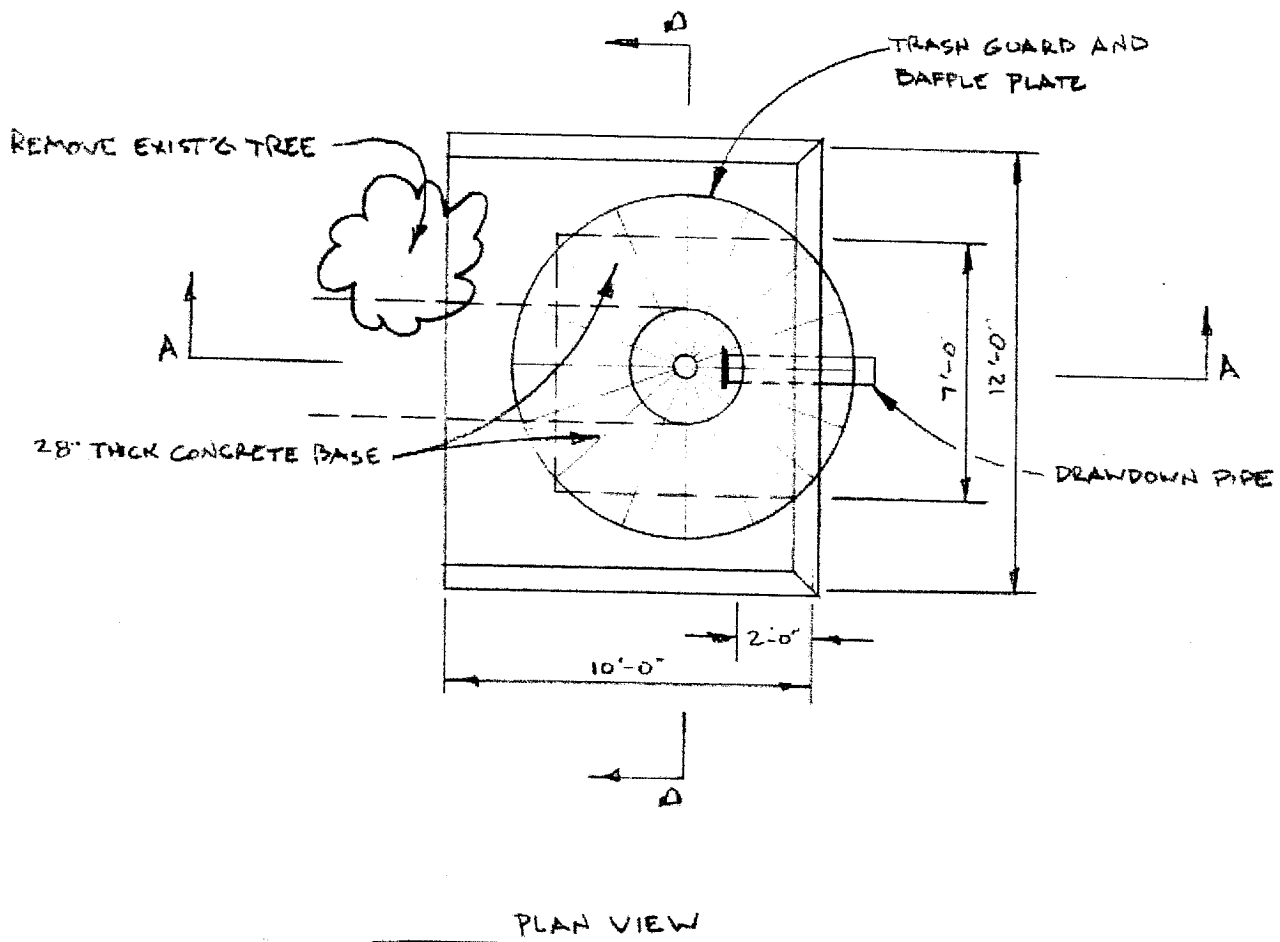
Utilities with known facilities within project area will forward to the Surveyor's Office a plat of their facilities. A copy of the plat will be forwarded to the Contractor for their records.

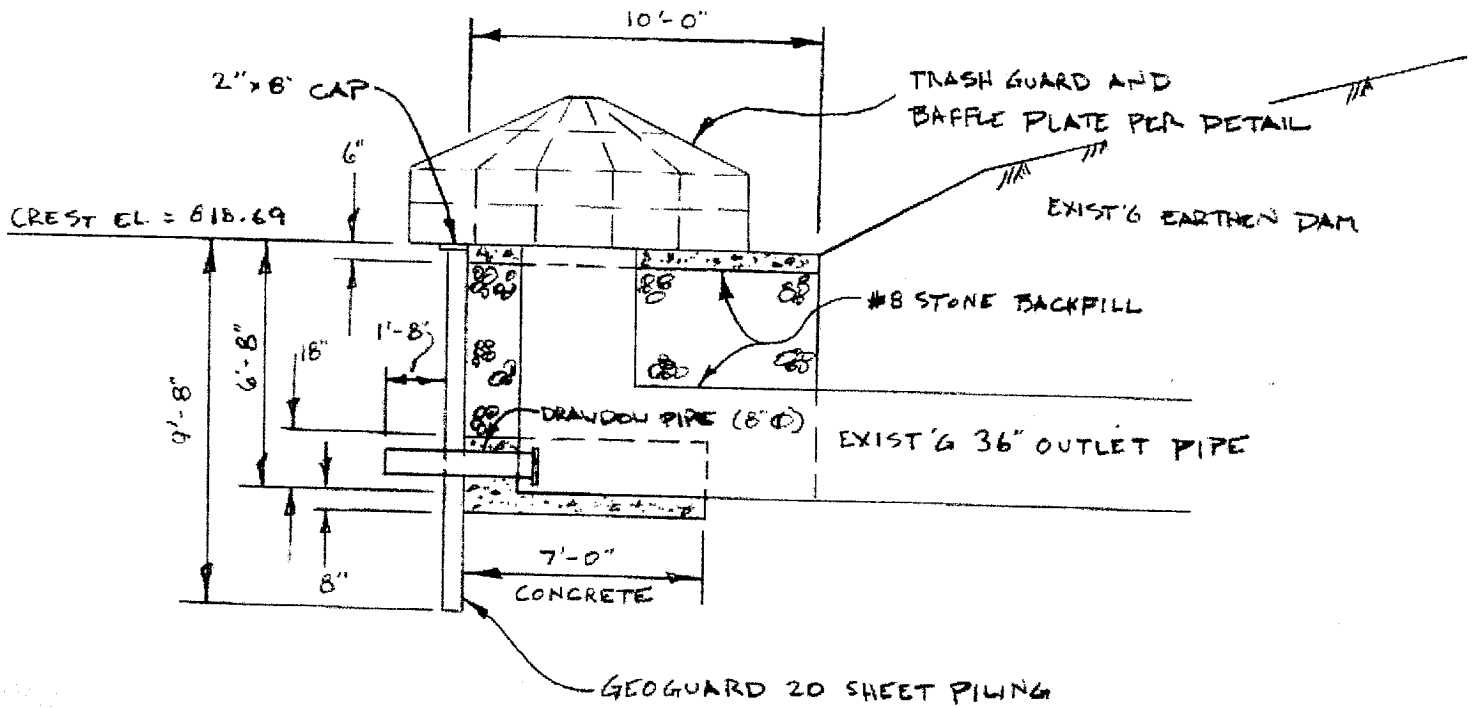
TRENCH SAFETY:

IOSHA Regulations 29 C.F.R. 1926, Subpart B are hereby incorporated with the contract documents. The Contractor shall incorporate the trench safety requirements as set out in the above mentioned regulations and such material, equipment, etc. required, shall be included in the cost of pipe installation.

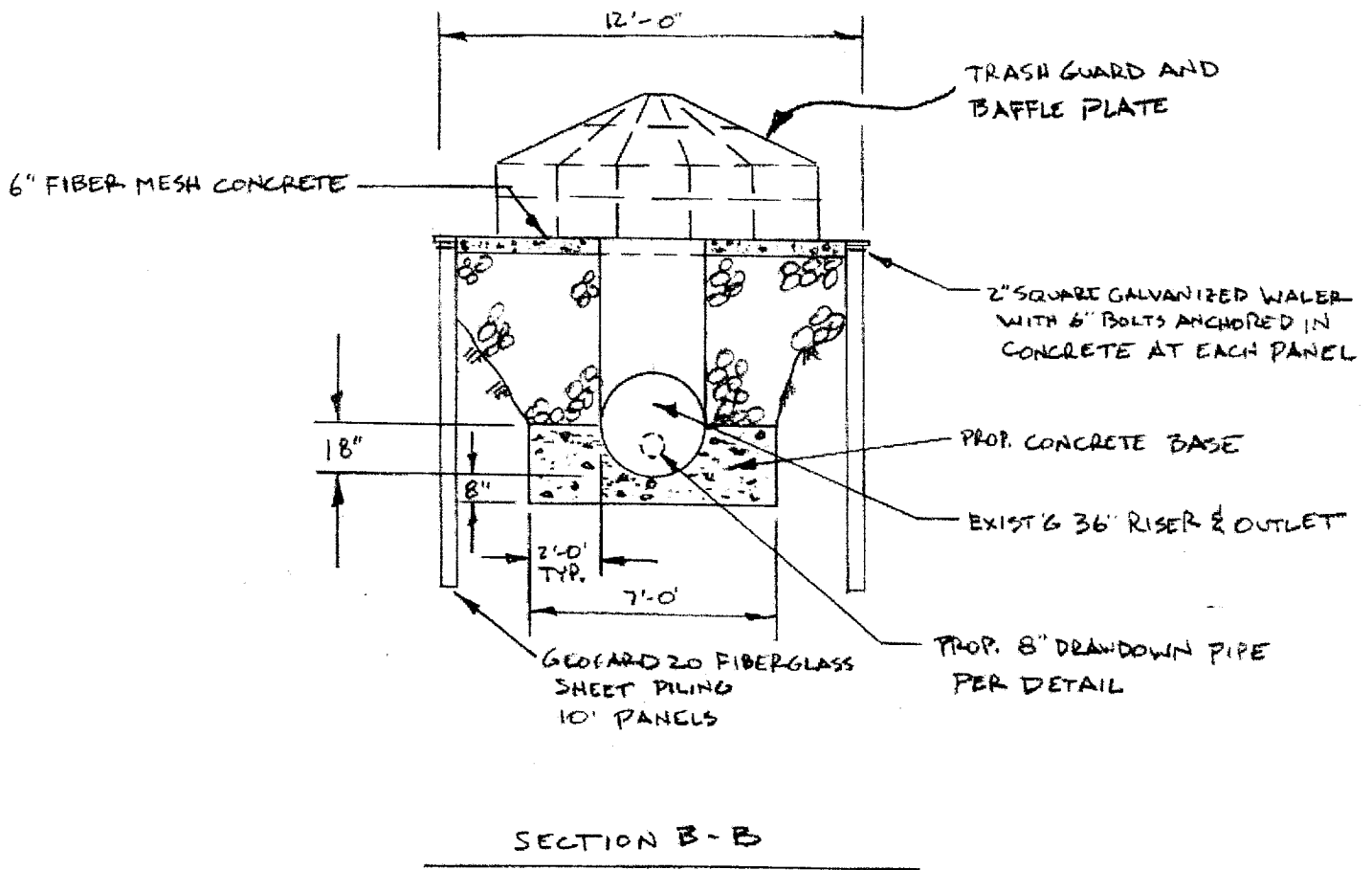
POND OUTLET STRUCTURE REPAIR:

The repair of the pond outlet structure shall be completed as per the attached plans. The pond shall be drawn down so as to provide access to the structure for the repair. The leak in the existing 36 inch pipe shall be repaired and then the structure improved. The contractor shall drive geoguard 20 sheet piling around the existing structure and install a concrete base at the joint between the vertical and horizontal sections of the pipe. The area shall be backfilled with #8 stone and a concrete 6 inch concrete cap placed on top of the fill. A draw down pipe and trash guard and baffle plate shall also be installed. See the plan view, section A-A, section B-B, drawdown pipe design and rod trash guard detail for drop inlet design sheet.





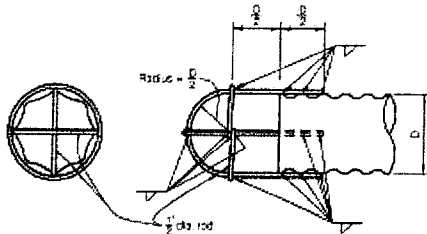
SECTION A-A



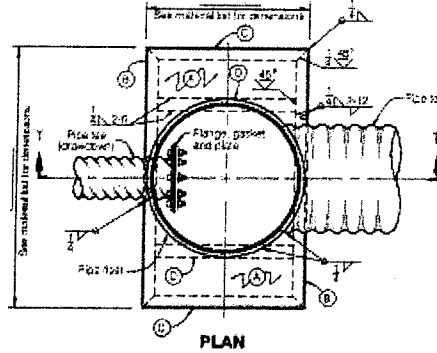
DRAWDOWN TRASH RACK ROD LENGTHS

PIPE DIA INCHES	* ROD LENGTH INCHES	** CIRCULAR ROD LENGTH INCHES
8	31	35
10	37	41
12	44	47
15	54	57

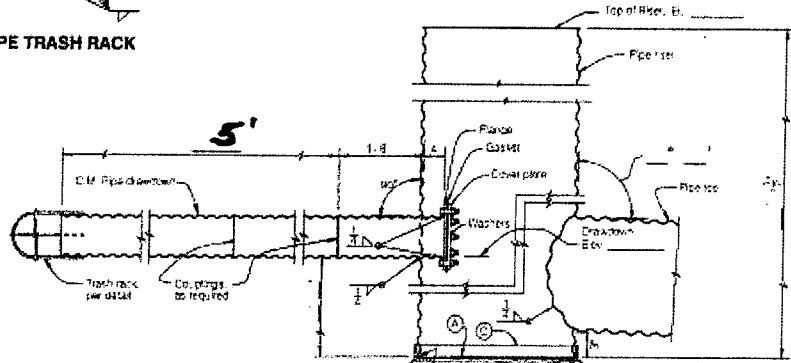
* 2 RODS REQUIRED
 ** APPROXIMATE 2 LAP
 RODS TO BE ZINC COATED OR PAINTED ACCORDING TO SPECIFICATIONS
 1/2 DIA ROD = 0.668 LB. FT.



DRAWDOWN PIPE TRASH RACK

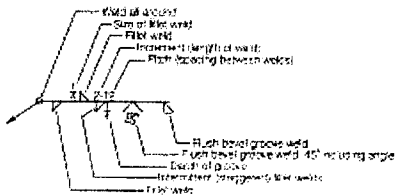


PLAN



SECTIONAL ELEVATION T-T RISER DETAIL

WELD SYMBOLS



NOTE:
 WELD SYMBOL ABOVE THE PIPE INDICATES WELD ON INSIDE OF PIPE UNLESS OTHERWISE NOTED.
 WELD SYMBOL BELOW THE PIPE INDICATES WELD ON OUTSIDE OF PIPE UNLESS OTHERWISE NOTED.
 2" DIA RODS ARE WELDED TO THE PIPE WITH 1/2" DIA RODS.
 ALL WELDS SHALL BE TO THE WORKMANSHIP OF THE CONTRACTOR.

MATERIAL LIST AND TABLE OF QUANTITIES FOR RISER BASE

MATERIAL LIST	MARK	ITEM	30" DIA. RISER		UNIT	QUANTITY
			30" DIA. RISER	30" DIA. RISER		
	A	10 GAUGE GALVANIZED METAL SHEET	20 x 46	21 x 67	EACH	1
	B	ANGLES 3" x 3" x 1/4"	4 - 1'	4 - 7'	EACH	2
	C	ANGLES 3" x 3" x 1/4"	2 - 2'	2 - 6'	EACH	2
	D	STEEL PLATE 1/2" x 1'	1 - 8'	2 - 6'	EACH	2
TABLE OF QUANTITIES		10 GAUGE GALVANIZED METAL SHEET (LBS.)	492	673		
		STRUCTURAL STEEL (LBS.)	647	657		
		TOTAL WEIGHT OF STEEL PARTS (LBS.)	1139	1330		

REQUIREMENT TABLE

CONCRETE CLASS	3000	3000M	4000	CLAYD
REINFORCING STEEL				
RISER				
CORRUGATED METAL PIPE RISER, ZINC COATED STEEL				
NOMINAL LENGTH WITH A 1/2" DIA. GAL. PIPE TEE				
WELDED TO IT 3" FROM THE LOWER END AND A 1/2" DIA. PIPE TEE 2" DIA. NOMINAL LENGTH WELDED TO IT 3" FROM THE LOWER END AND PIPE FLANGE				
DRAWDOWN				
CORRUGATED METAL PIPE, ZINC COATED STEEL (WITH COUPLINGS) AND TRASH RACK, PER DETAILS				
TOTAL LN. FT. (EXCLUDING TEE) -				
PIPE CLASSIFICATION				
TYPE 1 FULL CIRCULAR CROSS-SECTION FABRICATED WITH:				
ANNULAR CORRUGATIONS				
CLOSE RIVETED OR STANDARD RIVETED				
HELICAL CORRUGATIONS				
CORRUGATION REQUIREMENTS				
NOMINAL SIZE (INCH)				
1 1/2 x 1 1/4 (AVAILABLE ONLY IN HELICALLY CORRUGATED PIPE)				
2 2/3 x 1 1/2				
COATINGS AND FABRICATION				
SEE COUPLING BAND AND METAL PIPE REQUIREMENTS SHEET				

NOTE

THE FOLLOWING DESIGNATIONS FOR PIPE CLASSIFICATION, CORRUGATIONS AND COATINGS WHEN REFERRED TO IN THE DRAWINGS ARE IN ACCORDANCE WITH CURRENT ASTM:

- A750 STANDARD SPECIFICATION FOR CORRUGATED STEEL PIPE, METALLIC COATED
- A751 STANDARD SPECIFICATION FOR STEEL GALVANIZED CORRUGATED STRUCTURAL PLATES AND FASTENERS
- A752 STANDARD SPECIFICATION FOR CORRUGATED STEEL PIPE, POLYMER PREPARED FOR SEWERS AND DRAINS
- A849 STANDARD SPECIFICATION FOR FIBER REINFORCED AND UNID CORRUGATED STEEL SEWER AND DRAINAGE PIPE (BUTYLINUS OR CONCRETE)
- A885 STANDARD SPECIFICATION OF STEEL SHEET, ZINC AND ALUMINUM FIBER COMPOSITE COATED FOR CORRUGATED STEEL SEWER, CULVERT AND UNDERDRAIN PIPE

PIPE FLANGE NOTE:

USE 1/2" FLANGE ON 8" DIA. DRAWDOWN. FLANGE DIA, BOLT SIZE AND PATTERN SHALL BE ACCORDING TO ANWWA C-207, CLASS B. PROVIDE A 1/4" THICK PLATE, SAME DIA. AS FLANGE WITH HOLES DRILLED TO MATCH HOLES IN FLANGE. PROVIDE NEOPRENE GASKET TO FIT BETWEEN PLATE AND FLANGE. FASTEN PLATE TO FLANGE WITH 1/2" DIA. x 2" GALVANIZED BOLTS AND WASHERS.

FABRICATION AND INSTALLATION NOTES:

FOR FABRICATION OF RISERS ON HELICAL PIPE A FILLER STRIP MAY BE USED TO INSURE A WATER/TIGHT SEAL BETWEEN THE RISER AND TEE.

METAL BASE PIPE RISER AND FLANGE DRAWDOWN FACILITY

Design: LAN Drawn: LAN Check: LAN Approved: LAN
 Date: 08/21/07 Date: 08/21/07

Highland Springs Dam Outlet Structure
Drawdown Pipe Design
 Hamilton County, Indiana

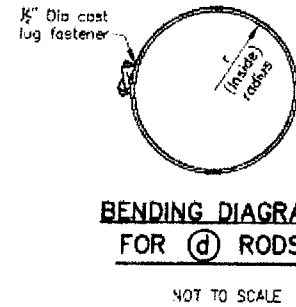
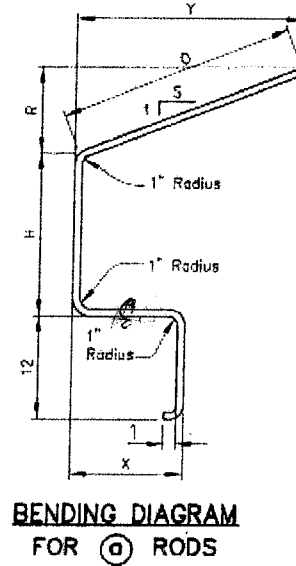
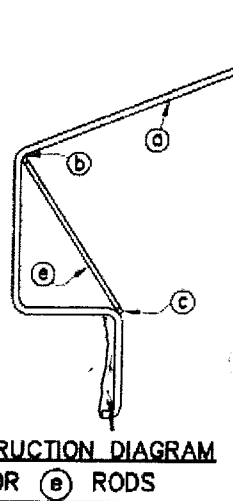
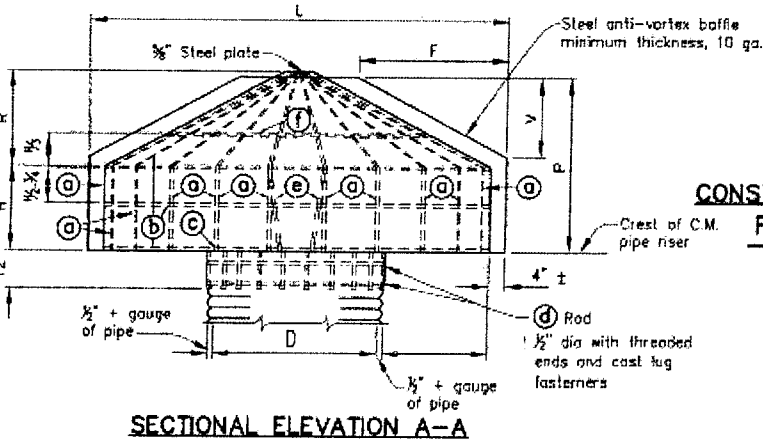
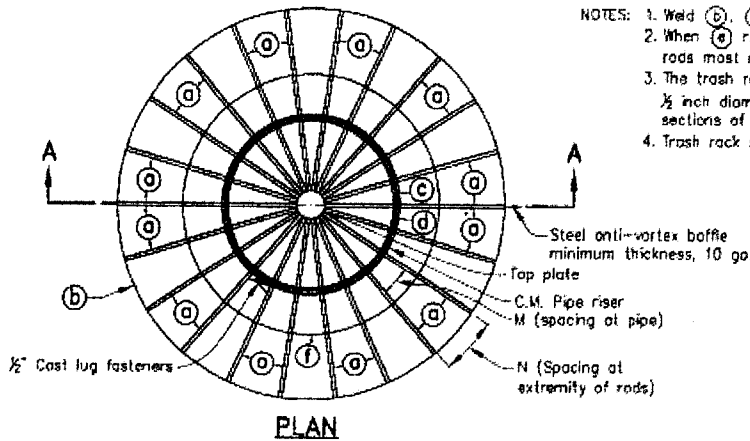
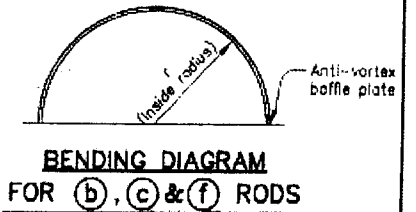
National Resources Conservation Service

Date: 08/21/07
 Project: ME100-10-007 (4)
 Design: LAN
 Sheet: 1 of 1

TABLE OF CAPACITIES, DIMENSIONS AND QUANTITIES

Net area (ft. ²)	Approx. weight (lbs.)	(a) Rods - 3/8" dia.								Baffle plate						(b) Rods - 1/2" dia.			(c) Rods - 5/8" dia.			(d) Rods - 3/4" dia.			(e) Rods - 1" dia.			(f) Rods - 1 1/8" dia.			Top plate dia
		H	R	X	Y	S	O	Total length	No req'd.	N	M	L	P	F	V	No. req'd.	r	Length	No. req'd.	r	Length	No. req'd.	r	Length	No. req'd.	r	Length	No. req'd.	r	Length	
42" DIAMETER C.M. PIPE RISER (MAX. BARREL = 36" DIA.)																															
110.7	590	27	24 1/2	30	48 1/2	2	54	10-4	20	17 1/8	7 1/2	9-3	48	38	19	6	50	157 1/2	2	21	66 1/2	2	22 1/2	149	—	—	—	2	34	106 1/4	6
48" DIAMETER C.M. PIPE RISER (MAX. BARREL = 36" DIA.)																															
120.6	650	27	25 1/4	30	51 1/2	2	57 1/2	10-7 1/2	22	17 1/8	7 1/8	9-9	48	38	19	6	53	167 1/2	2	24	75 1/2	2	25 1/2	168	—	—	—	2	36	113 3/4	6
54" DIAMETER C.M. PIPE RISER (MAX. BARREL = 42" DIA.)																															
152.1	830	30	29 1/8	36	59 1/2	2	66 1/2	12-1 1/4	24	18 1/8	7 3/4	11-4	58	50	25	6	62 1/2	195 1/2	2	27	85 1/2	2	28 1/2	186	4	str	46	2	42 1/2	133 3/8	8
60" DIAMETER C.M. PIPE RISER (MAX. BARREL = 48" DIA.)																															
236.4	1145	33	31 1/4	49	75 1/2	2 1/2	81 1/4	14-8 1/4	30	17 1/8	6 1/2	14-0	60	57	24	6	78 1/2	246 1/2	2	30	95	2	31 1/2	206	2	str	57	2	53 1/2	168	8

- NOTES: 1. Weld (b), (c), and (f) rods to (a) rods and weld (a) rods to top plate.
 2. When (e) rods are used, weld them to the (a) rods that are perpendicular for the two (a) rods most nearly perpendicular to the anti-vortex baffle plate.
 3. The trash rack may be fabricated in identical halves and attached to the baffle plate with 1/2 inch diameter U bolts spaced approximately 12 inches C-C along the vertical and inclined sections of the (a) rods next to the plate.
 4. Trash rack shown on this plan is for a 54" diameter C.M. pipe riser.



**ROD TRASH GUARD DETAIL
FOR DROP INLET**

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

Designed _____
 Checked _____
 Approved _____
 Sheet _____ of _____

TO: HAMILTON COUNTY DRAINAGE BOARD

The following is for the Reconstruction of the Highland Springs Drain:

Item Description	Quantity	Unit	Unit Cost	Total Cost
Dredging	900	CY	55.55	49,995. ⁰⁰
Pond Outlet Repair	1	LS	25,000.	25,000. ⁰⁰
Clearing	0.1	Acre	50,000.	5,000. ⁰⁰
Seeding / Erosion Control	0.1	Acre	50,000.	5,000. ⁰⁰
TOTAL				\$ 84,995. ⁰⁰

* LS - Lump Sum

Plan Of Action

The signatory of this questionnaire guarantees the truth and accuracy of all statements and of all answers to interrogatories herein made.

1. Explain your plan or layout for performing proposed work, including anticipated start and finish dates for each bid item or task. **OUR PLAN IS TO MOBILIZE EQUIPMENT AS SOON AS POSSIBLE TO SITE. WE WILL PERFORM WORK PER SPECIFICATIONS. WORK WILL BE COMPLETED BEFORE PROJECT DEADLINE. WE WILL MOVE EQUIPMENT OFF SITE AND LEAVE SITE FREE OF DEBRIS.**

2. If you intend to sublet any portion of the work, state the name and address of each subcontractor, equipment to be used by subcontractor, and whether you expect to require a bond.

NO SUBCONTRACTORS

3. What equipment do you intend to use for the proposed project?

**2005 KOMATSU PC 200 EXCAVATOR
2004 JOHN DEERE 31056 BACKHOE
12 TRI/AXLE DUMP TRUCKS**

4. Have you made contracts or received offers for all materials within prices used in preparing your proposal?

YES, WE HAVE RECEIVED PRICING FOR MATERIALS.

DRAIN RECONSTRUCTION CONTRACT

THIS AGREEMENT by and between the HAMILTON COUNTY DRAINAGE BOARD, hereinafter referred to as "BOARD" and Culy Construction & Excavating, Inc., hereinafter referred to as "CONTRACTOR".

WITNESSETH:

THAT WHEREAS, Contractor is the successful bidder for the reconstruction of the Cool Creek Drain as ordered by the Board, it is now agreed by and between the Parties as follows:

1. The Contractor agrees to perform the work under the supervision of the Surveyor or his representative, in accordance with the plans, Instructions to Bidder, General Provisions, Special Instructions, profile and cross sections made by the Board, which are incorporated herein by reference as fully as if the same were set out.

2. The Board agrees to pay Contractor the agreed sum of EIGHTY - FOUR THOUSAND NINE HUNDRED AND NINETY - FIVE payment to be made according to law.

3. The Contractor agrees that all work under this contract shall be completed on or before the completion date set out in the General Provisions.

4. It is understood and agreed that fifteen Percent (15%) of the contract price herein shall be withheld by the Board for a period of sixty (60) days after the completion of the work for the purpose of securing payment of material men, laborers and sub-contractors.

5. The Contractor agrees and binds itself to pay all bill^s for labor, materials and all services whatsoever that shall be used in this reconstruction or otherwise incorporated in this work and to save the Board and the landowners affected harmless from all such bills.

6. This contract also incorporates by reference a certain contractor's bid dated 9-10-7 as fully as if the same were set out completely herein.

7. It is understood that the Board contracts in its official capacity and that the members thereof shall not in any event be personally liable under this agreement.

DRC-1

IN WITNESS WHEREOF THE PARTIES HAVE SET THEIR HANDS THIS
27th DAY OF August, 2007.

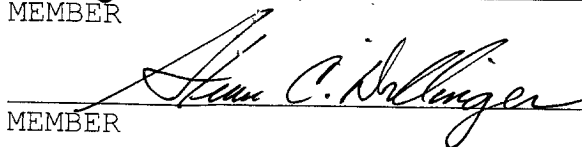
HAMILTON COUNTY DRAINAGE BOARD



PRESIDENT



MEMBER



MEMBER

BY 
CONTRACTOR

TO: HAMILTON COUNTY DRAINAGE BOARD

RE:

As Contractor on the contract awarded on 9-10-7
for the HIGHLAND SPRINGS Drain, I hereby notify
the Hamilton County Drainage Board that all expenses incurred
for labor and materials have been paid in full.

The foregoing is true under the penalties of perjury.

BY: JASON C. E. BYNUM
Contractor-Print
JCEB
Contractor-Signature

STATE OF INDIANA, HAMILTON COUNTY, ss:

Subscribed and sworn to before me, the undersigned, a Notary
Public in and for said County this 10th day
of SEPTEMBER 20 07.

Witness my hand and official seal.

My Commission expires 5-13-10
Kevin M. Moore Notary Public
Madison County of Residence



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

December 13, 2007

To: Hamilton County Drainage Board

Re: Highland Springs Reconstruction, Pay Claim # 1

Rhino Trucking & Excavating Inc. has submitted a claim for \$46,554.40

- This claim covers 100% of the project.
- This project is complete except for the final grading and seeding on one lot. Weather conditions have prohibited access at this time. This work will be completed as soon as possible in the spring.

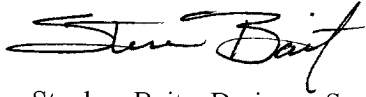
Clearing	Lump Sum	\$ 5,000.00
		- \$ 5,000.00
	Bal. =	\$ 0.00
Dredging	208 CY @ \$55.55 per ft	\$11,554.40
		- \$11,554.40
	Bal. =	\$ 0.00
Pond Outlet Repair	Lump Sum	\$25,000.00
		- \$25,000.00
	Bal. =	\$ 0.00
Seeding	0.1 ac @ 50,000.00 per ac	\$ 5,000.00
		- \$ 5,000.00
		\$ 0.00

The 15% retainage withheld on this project equals \$6,983.16. This will more than cover the minimal seeding required to complete the project.

Claim#1 – dated 12-10-2007	\$46,554.40
15% with held	<u>\$ 6,983.16</u>
Total paid on Claim #1	\$39,571.24

The Hamilton County Surveyor's Office recommends approval of this Claim.

Sincerely,



Stephen Baitz, Drainage Specialist
Hamilton County Surveyor's Office

SAB/llm

PARTIAL PAY REQUEST

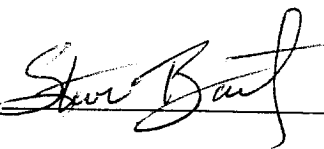
Contractor: **RHINO TRUCKING & EXCAVATING, INC.**

Date of Estimate: 12-10-7

Pay Request Number: 1

Is this the Final Pay Request? No

Item No.	Description	CHANGE ORDERS		COMPLETED THIS ESTIMATE		COMPLETED TO DATE	
		Amount/Unit	Unit Price	Amount	Total \$	Amount	Total \$
	DREDGING				11,554.40		11,554.40
	POND OUTLET REPAIR				25,000.00		25,000.00
	CLEARING				5,000.00		5,000.00
	SEEDING/EROSION CONTROL				5,000.00		5,000.00
				Total	46,554.40	Total	46,554.40
				Minus 15% Withheld	6,983.16		6,983.16
				Amount Paid	39,571.24		39,571.24

This estimate was reviewed by: , of the County Surveyors Office.

Rhino Trucking & Excavating, Inc

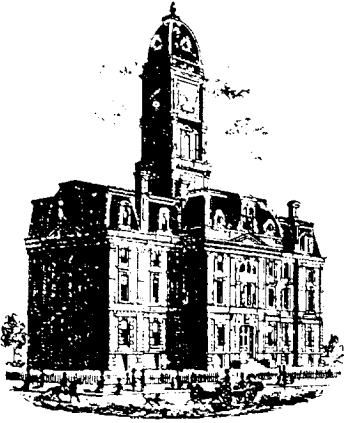
2816 S Central Way
Anderson, IN 46011
765-643-4936

Invoice

Date	Invoice #
4/18/2008	2188

Bill To
Hamilton Co. Drainage Board One Hamilton County Square Noblesville, IN 46060-2230

Description	Amount
Reconstruction of the Highland Springs Drain	46,554.40
Payment 1/15/08	-39,571.24
Total	
	\$6,983.16



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, CFM
Surveyor of Hamilton County

Phone (317) 776-8495

Suite 188

One Hamilton County Square
Noblesville, Indiana 46060-2230

TO: Hamilton County Drainage Board

April 23, 2008

RE: Highland Springs Reconstruction

ITEM: Pay Claim # 2

Rhino Trucking & Excavating Inc. has submitted a claim for \$6,983.16

- This claim covers 100% of the project.
- This project was complete except for the final grading and seeding on one lot. Weather conditions prohibited access at the time. This work was completed as soon as possible this spring.

Clearing		Lump Sum	\$5,000.00
			- \$5,000.00
		Bal. =	\$0.00
Dredging	208 CY @ \$55.55 per ft		\$11,554.40
			- \$11,554.40
		Bal. =	\$0.00
Pond Outlet Repair		Lump Sum	\$25,000.00
			- \$25,000.00
		Bal. =	\$0.00
Seeding	0.1 ac @ 50,000.00 per ac		\$ 5,000.00
			- \$ 5,000.00
			\$ 0.00

The 15% retainage with held on this project equals \$6,983.16. This claim will complete the project.

Claim#1 – dated 12-10-2007	\$46,554.40
15% with held	<u>\$ 6,983.16</u>
Total paid on Claim #1	\$39,571.24

The Hamilton County Surveyor's Office recommends approval of this Claim.

Sincerely,

Stephen Baitz

Highland Springs
PARTIAL PAY REQUEST

Contractor: Rhino Exc.

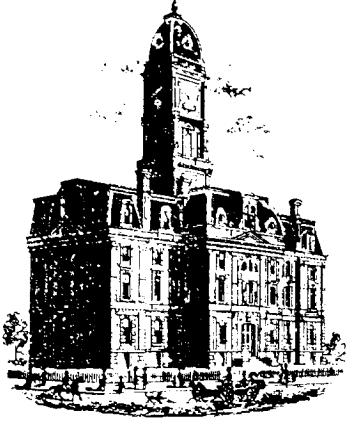
Date of Estimate: 12-10-7

Pay Request Number: 2

Is this the Final Pay Request? Yes

Item No.	Description	CHANGE ORDERS		COMPLETED THIS ESTIMATE		COMPLETED TO DATE	
		Amount/Unit	Unit Price	Amount	Total \$	Amount	Total \$
	Dredging				11554.40		11554.40
	Pond outlet repair				25000 -		25000 -
	clearing				5000 -		5000 -
	seeding/erosion control				5000 -		5000 -
				Total	46554.40	Total	46554.40
				Minus 15% Withheld	6983.16		6983.16
				Amount Paid	39571.24		39571.24

This estimate was reviewed by: _____, of the County Surveyors Office.



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

To: Hamilton County Drainage Board

July 3, 2008

Re: Highland Springs Reconstruction Project
Final Inspection Report

FINAL INSPECTION REPORT

This letter is the inspector's final report on the Highland Springs Regulated Drain Reconstruction, located in Sections 11, Township 17 North, Range 5 East, Fall Creek Township in Hamilton County, Indiana.

As of the date of this report, I hereby attest to and agree that the reconstruction was installed according to the specified plans and change orders. All inspections have been completed.

This project was approved per the Surveyor's Report dated July 9, 2007 at hearing on August 27, 2007. (See HCDB Minutes Book # 10, Pages 374 thru 379)

The Hamilton County Drainage Board awarded the contract on September 24th, 2007 to Rhino Trucking and Excavating. (See HCDB Minutes Book # 10, Page 428)

The project consisted of clearing, sediment removal, installation of 32 lineal feet of Geo Guard Sheet Piling, tie back anchors, concrete cap, draw down pipe, trash guard, and seeding of disturbed areas. This adds 305 feet of 36" CMP and 1,435 feet of open ditch to the drain.

There was an Addendum on the project revising the amount of sediment removed from 900 cubic yards to 208 cubic yards. This reduced the dredging costs from \$49,995.00 to \$11,554.40. Changing the total reconstruction cost from \$84,995.00 to \$46,554.40. This Addendum can be found in Addendum Book #1, page 320.

A notarized statement of all expenses incurred for materials paid was received dated February 22nd, 2008.

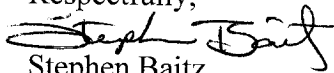
The project costs are as follows:

Claim #1 submitted 12/13/2007	\$46,554.40
15% Retainage withheld	<u>\$6,983.16</u>
Check amount paid on 1/15/08	\$39,571.24
Claim #2 submitted 4/23/08 (Retainage)	\$6,983.16
15% Retainage withheld	<u>0.00</u>
Check amount paid on 5/13/08	\$6,983.16
Contractor's Bid -----	\$84,995.00
Addendum -----subtracted	<u>\$38,440.60</u>
Total Reconstruction Cost -----	\$46,554.40
Engineer's Estimate -----	\$53,475.00
Total Reconstruction Cost -----	<u>\$46,554.40</u>
Difference -----	\$6,920.60

The Hamilton County Surveyor's Office recommends the difference be placed in the Highland Springs Regulated Drain maintenance fund.

Bonds for this project are to be released at the July 14,2008 Commissioner's Meeting.

Respectfully,



Stephen Baitz

Inspector

Hamilton County Surveyor's Office