

**Drain:** HIGHLAND SPRINGS DRAIN      **Drain #:** 165  
**Improvement/Arm:** HIGHLAND SPRINGS - SECTION 4-5  
**Operator:** JDH      **Date:** 6-22-04  
**Drain Classification:** Urban/Rural      **Year Installed:** 1982

### GIS Drain Input Checklist

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

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

Drain-Improvement: HIGHLAND SPRINGS DRAIN - HIGHLAND SPRINGS - SECTION 2-5

Drain Type:	Size:	Length <small>SURVEY REPORT</small>	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
SSD	6"	1,770'	1,770'	✓	2.00	3,540.00
SSD	8"	2,763'	2,763'	✓	3.00	8,289.00
CMP	12"	734'	734'	✓	14.00	10,276.00
(TWIN)CMP	30"	56'	56'	✓	55.00	3,080.00
RCP	12"	482'	482'	✓	7.25	3,494.50
SWALE		1,100'	1,100'	✓	19.55	21,505.00 *

Sum: 6,905'   6,905'   ✓   50,184.50

Final Report: \_\_\_\_\_

Comments:

\* PRICED AS OPEN DITCH

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SURVEYOR'S OFFICE

# Hamilton County

Kenton C. Ward, Surveyor

773-6110 Ext. 19

Noblesville, Ind. 46060 December 29, 1982

TO: Hamilton County Drainage Board

RE: Highland Springs

Attached is an assessment roll, drain map, drainage shed map and petition, dated December 6, 1982, for a drain for Highland Springs. This drain was originally petitioned on July 1, 1980. However, because it was incomplete and not constructed per plan, I would not accept the petition. The Developers Engineer has now certified that the drainage system has been completed. This certification is on the attached sepia of the drain map.

This drainage system for Sections 1,2,3,4 and 5 consists fo the following.

Between Lots 22 & 23

2-30" CMP's	56' ✓
Swale	200' ✓

Between Lots 8 & 9 & Intersection

2-Catch Basins with inlets	
12" Pipe	166' ✓
Swale to pond	120' ✓
12" Metal End Section	

Between Lots 33 & 34 & Intersection

12" metal end section	
12" Pipe	316' ✓
4-Catch Basins with inlets	
Swale	100' ✓
Subsurface Drains	
6" Plastic tile	1770'
8" Plastic tile	2670'
also includes some swales	

Between Lots 98 & 99

Catch Basin with inlet	
12" Pipe	124' ✓
12" Metal end section	
Swale	200' ✓

Between Lots 61 & 62 and 44 & 45

Swale 200' ✓  
12" Pipe 290' ✓  
2-12" Metal end sections  
2-Catch Basins with inlets

Between Lots 48 & 49

12" Pipe 140' ✓  
12" Metal End Section  
2-Catch Basins with inlets  
Swale 150' ✓

Between Lots 53 & 54 and intersection

12" Pipe 180' ✓  
Swale 130' ✓  
12" Metal End Section  
3-Catch Basins with inlets

The total length for this drain is 6,812 feet, with 89 Lots assessed (5.0a) at \$20.00 each and \$2.00 per acre for streets, the Total yearly assessment will be \$ 1790.00 .

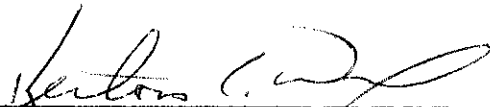
Upon review of the petition I find that it is in order. Also after personal inspection of the site and review of the material I believe that the proposed drain is 1.) Practicable; 2.) will improve the public health, benefit a public highway, be of public utility; and 3.) The costs, damages and expenses of the proposed improvement will probably be less than the benefit which will result to owners of lands likely to be benefited.

I also believe it should be classified as an Urban Drain.

I recommend that a hearing be set to include the drainage system as a regulated drain and place it on a maintenance program. This hearing should be held on March 7, 1983 at 1:40pm.

I also recommend that Mr. Carter's cash bond for 150% of the estimated cost of completion dated June 8th 1982, be held until the regulated drain is certified to the Auditor.

KCW/no

  
Kenton C. Ward-County Surveyor

STATE OF INDIANA )  
 ) SS:  
COUNTY OF HAMILTON)

To: Hamilton County Drainage Board, Noblesville, Indiana  
c/o County Surveyor, Courthouse, Noblesville, Indiana

In the matter of Highland Springs Subdivision, Sections 1, 2, 3, 4, and 5  
Regulated Drain Petition.

Petitioner is the Owner of lots 15, 23, 30, 35 thru 40, 42, 44 thru 47, 49  
thru 51, 53, 55 thru 58, 60, 61, 63 thru 70, 72 thru 78, 80 thru 84, 92, 93,  
95, 96 and 97, in the land affected by the proposed new regulated drain. The  
drainage will affect various lots in Highland Springs, Sections 1, 2, 3, 4,  
and 5, a subdivision in Hamilton County, Indiana. The general route of such  
drainage shall be in existing easements and along public roads as shown in the  
plans on file in the Surveyor's Office and on the attached overall plan marked  
"EXHIBIT A."

Petitioner believes that the cost, damages and expenses of the proposed  
improvement will be less than the benefits which will result to the owners of  
the land likely to be benefited thereby. Petitioner believes the proposed  
improvement will:

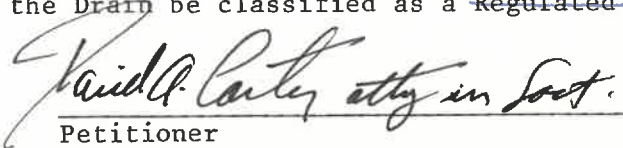
- (a) improve public health
- (b) benefit a public street
- (c) be of public utility

Petitioner agrees to pay the cost of construction of the storm sewers and  
requests periodic maintenance assessments by the Board thereafter. The  
Petitioner also agrees to the following:

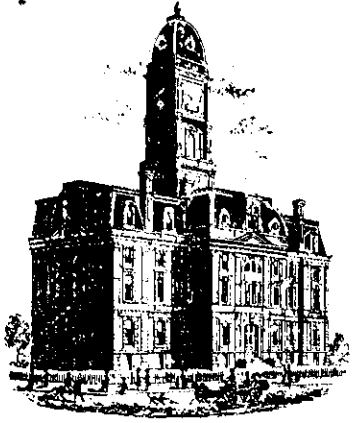
1. To provide the Drainage Board a performance bond for the portion of the  
storm sewer system which will be made a regulated drain. The bond will  
be in the amount of 100% of the Engineer's estimate. Bond will be in  
effect until construction of 100% of the system is completed and so  
certified by the Engineer.
2. The Developer shall retain the Engineer throughout the construction  
phase. At completion of the project the Developer's Engineer shall  
certify that the storm sewer system which is to be maintained as a  
regulated drain has been construction as per construction plans.
3. Any changes made in the field shall be documented and given to the  
Surveyor to be placed in the Drain file.
4. The Developer shall instruct his Engineer to provide a reproducible print  
on a 24" x 36" mylar of the final design of the Drainage System.

The Petitioner further requests that the Drain be classified as a <sup>URBAN</sup> Regulated  
Drain.

DATE: Decmeber 6, 1982

  
Petitioner  
Opportunity Options, Inc.  
By: David A. Carter, Attorney in Fact

June 10, 2003



# 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

## Map Correction-Field Verification

**Drain Number:** Highland Springs

**Drain Length:** 6812

**Drain Name:** #165

**Change +/- :** +93

**Date:** June 10, 2003

**New Length:** 6905

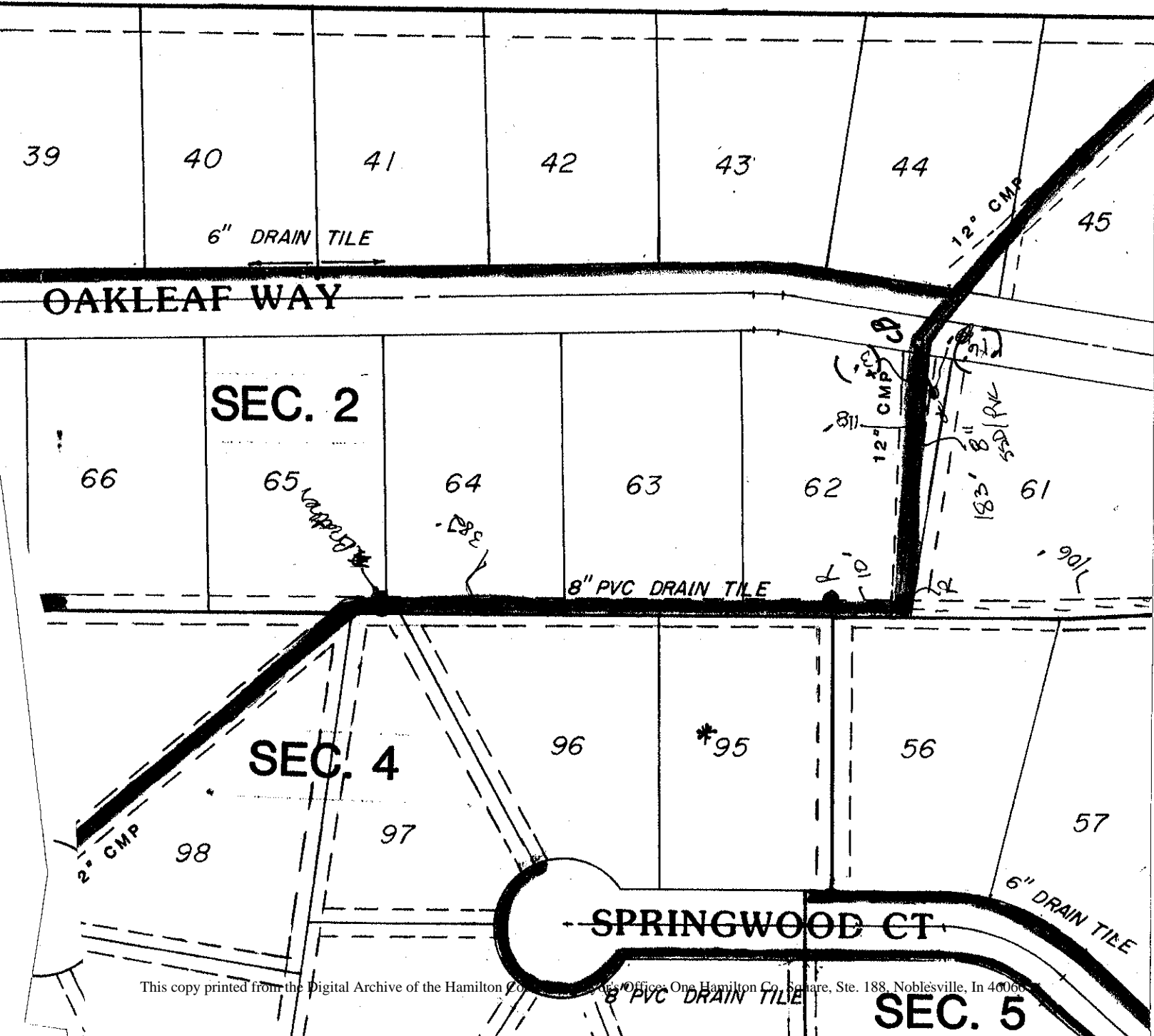
**Verified By:** Suzanne Mills & Stephen Baitz (WO-2000-00084)

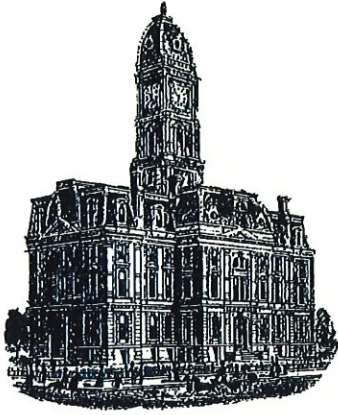
### Notes & Sketch:

There was an additional 106 feet of 8" ssd found across the rear of lot 61. The 8" ssd across lot 62 was not run to the curb as originally mapped. The drain is tapped into the 12" cmp that runs paralell to it. That resulted in a loss of 13 feet of 8" ssd. Thus - the total length of drain to be added was 93 feet. The work order above saw the instillation of a riser on the 8" ssd running across lot 62. When the field check was recently performed we took measurements for risers that had been previously added at an earlier time. There is a map attached showing our field check numbers.

Suzanne L. Mills  
GIS Specialist

WD-2000-00084 - FIELD CHECK





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

**Map Correction-Field Verification**

**Drain Number:** 165

**Drain Length:** N/A

**Drain Name:** Highland Springs Sec. 1

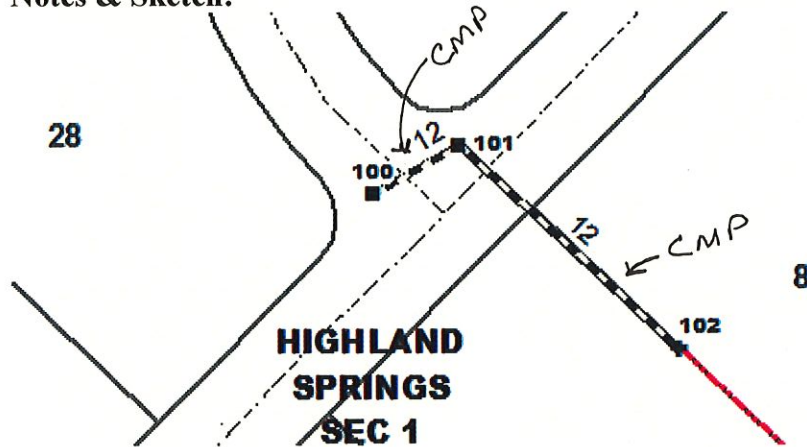
**Change +/- :** N/A

**Date:** 1-19-2017

**New Length:** N/A

**Verified By:** SLM; WO-2016-00375

**Notes & Sketch:**



Pipe was previously labeled as RCP. Pipe is CMP and was lined to repair it in the above mentioned Work Order.

*Suzanne L. Mills*  
 Suzanne L. Mills