

ITEM REP 2015-6077

**VILLAGE OF DOWNERS GROVE**  
**Report for the Village Council Meeting**  
**2/10/2015**

<b>SUBJECT:</b>	<b>SUBMITTED BY:</b>
Discussion of New Sidewalk Construction Plan	Nan Newlon Director of Public Works

**SYNOPSIS**

Discussion of the new sidewalk construction plan. The objective of this action item is to create a plan to guide the construction of new sidewalk segments for 2017 to 2021 (5-year capital plan) and beyond.

**STRATEGIC PLAN ALIGNMENT**

The Strategic Plan goals for 2011-2018 include *Top Quality Infrastructure. Update the New Sidewalk Construction Plan* is a Medium Priority Action Item for 2014/15.

**FISCAL IMPACT**

N/A

**RECOMMENDATION**

N/A

**BACKGROUND**

The Village has been constructing new sidewalks for the past several decades. The construction of new sidewalks supports the long-standing goal of providing a sidewalk on at least one side of every street within the Village. This goal, identified during Total Community Development II in the early 1990's, is intended to improve pedestrian safety and enhance pedestrian access throughout the Village.

Since that time the Village has been following a new sidewalk construction plan commonly referred to as the Sidewalk Matrix (see attached) to identify and prioritize the construction of sidewalk segments in support of the goal. Construction of the sidewalk segments included in the Sidewalk Matrix (excluding the attached Listing of Unique Projects) is scheduled to be completed in 2016.

Because the construction of sidewalk segments identified in the Sidewalk Matrix is scheduled to be completed by 2016, the Village Council identified *Update the New Sidewalk Construction Plan* as a Medium Priority Action Item for 2014/15. The objective of this action item is to create a plan to guide the construction of new sidewalk segments for 2017 to 2021 and beyond.

The Village Council will discuss the creation of a new sidewalk construction plan at three meetings scheduled to take place in the coming weeks (See the table below).

**New Sidewalk Construction Plan Meeting Schedule**

Meeting	Tentative Date	Purpose
1	February 10, 2015	Introduce the action item and present information about the Village sidewalk system as of 2017
2	March 3, 2015	Identify and discuss strategies and approaches for prioritizing new sidewalk construction efforts beginning in 2017
3	March 17, 2015	Review and discuss a proposed new sidewalk construction plan

Key questions that will be considered in the preparation of the new sidewalk construction plan include:

- Where do sidewalks currently exist?
- Where should new sidewalks be constructed?
- Why should new sidewalks be constructed at these locations?

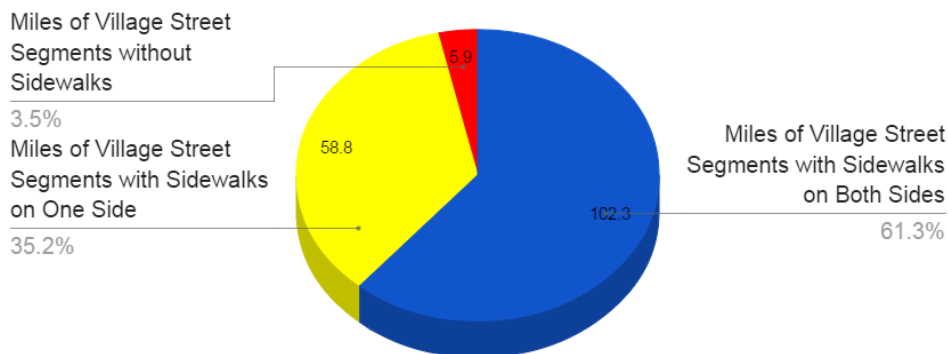
The question of how much money should be invested for new sidewalk construction may be addressed during the Long Range Planning and/or annual budgeting processes.

The Village Sidewalk System as of 2017

Upon the completion of the sidewalk segments planned to be constructed in 2015 and 2016, the sidewalk system will consist of 263 miles of sidewalks. The attached map indicates the location of sidewalk segments on public rights-of-way under the Village’s jurisdiction. Street segments with sidewalks on both sides of the street are indicated in blue. Street segments with sidewalks on one side of the street are indicated in yellow. Street segments with no sidewalk are indicated in red.

The street segments shown in yellow on the map (sidewalks on one side of the street) generally indicate the sidewalk segments that have been constructed in the Sidewalk Matrix era (approximately 1993 through 2017). There are 58.8 miles of street segments with sidewalk on one side of the street. Assuming that all of the segments were constructed as part of the 25-year Sidewalk Matrix program, over 2.35 miles of sidewalks were constructed each year.

**Summary of Sidewalk System as of 2017**



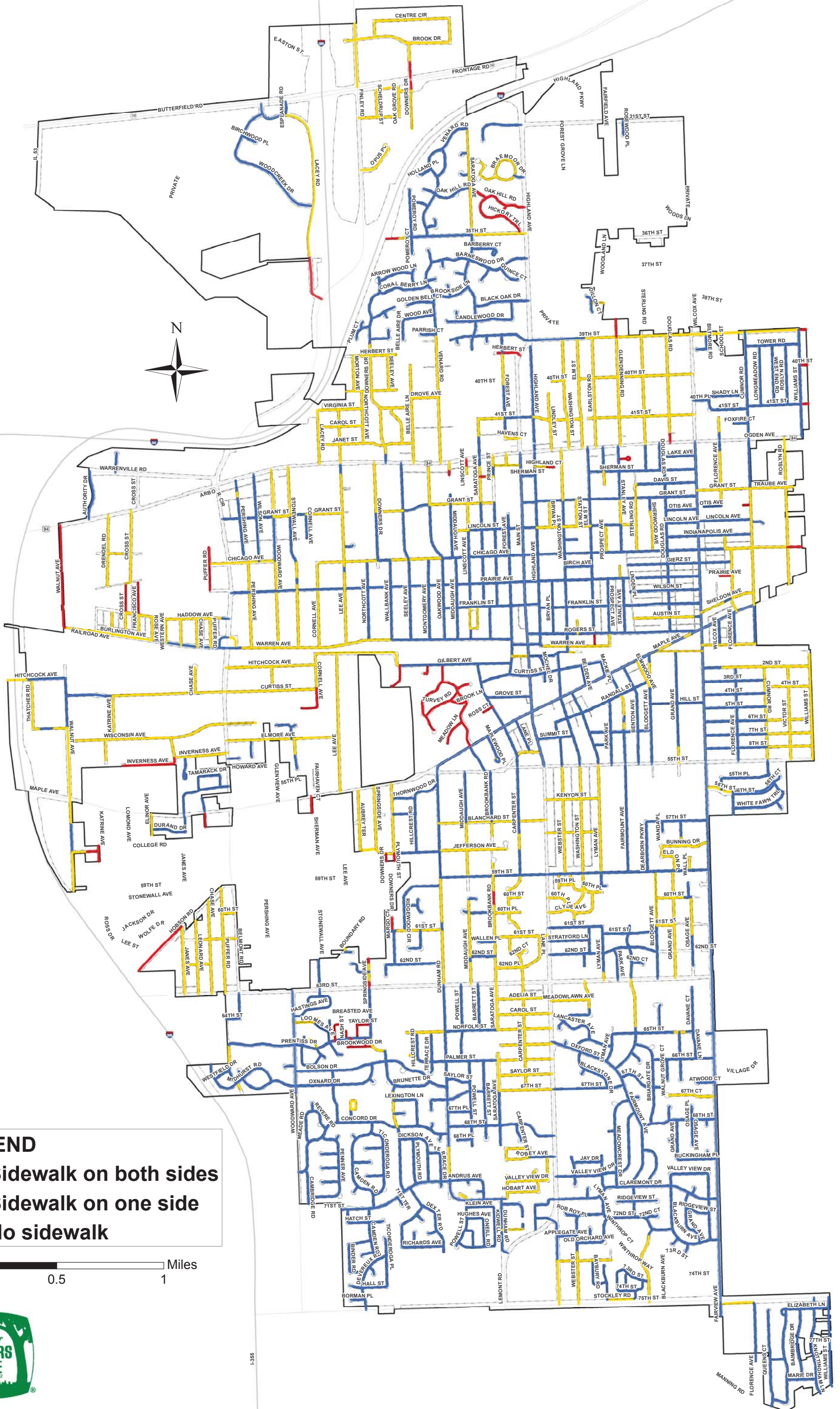
**ATTACHMENTS**

Map

Sidewalk Matrix

List of Unique Projects

# VILLAGE SIDEWALKS IN 2017



**LEGEND**

- Sidewalk on both sides
- Sidewalk on one side
- No sidewalk



**2014 PROPOSED SIDEWALK PRIORITY EVALUATION MATRIX  
VILLAGE OF DOWNERS GROVE**

**DRAFT - REVISED 10/13/2014**

**Sorted by CONSTRUCTABILITY, SCORE and then GRADE SCHOOL FACTOR**

PROJECT RANK 2012	2014 NEW RANK	LOCATION			Neighborhood Comments	Total Score	Major Factors							Minor Factors			Project Information					ESTIMATED COST			
		Street Segment	From	To			ADT	Street Width	Width - Lanes x 12	Ped. Clear.	Grade School	Continuity	85% Speed	Speed Count Date	Speed Factor	Ped. Generator	Sight Obstruction	Park Factor	Length ( feet )	Est. Cost Per Foot	Total Est. Cost		Survey Work Complete	Sub water shed	SWS priority
16	1	WEBSTER	59th	S. Limit	Clyde Estates	39	2	20	-4	10	10	5	34	10/26/07	6	2	0	4	340	\$ 60	\$20,400	Yes	SJS-C	MEDIUM	
17	2	CLYDE/WASHINGTON/60TH	Main	60th Pl.	Clyde Estates	34	0	21.5	-2.5	10	10	5	29	06/11/01	3	2	0	4	2,370	\$ 60	\$142,200	Yes	SJS-C	MEDIUM	
18	3	WEBSTER PL.	59th	Washington	Clyde Estates	31	0	20	-4	10	10	5	15	06/12/01	0	2	0	4	540	\$ 60	\$32,400	Yes	SJS-C	MEDIUM	
19	4	60TH PL.	Main	Clyde	Clyde Estates	30	0	20	-4	10	8	5	22	10/26/05	1	2	0	4	580	\$ 60	\$34,800	Yes	SJS-C	MEDIUM	
20	5	59TH PL.	Webster	Webster Pl.	Clyde Estates	30	0	21.5	-2.5	10	8	5	24	10/26/05	1	2	0	4	260	\$ 60	\$15,600	Yes	SJS-C	MEDIUM	
	6	60TH PL.	Washington	East end	Clyde Estates	24	0	19	-5	10	8	0	<20	est.	0	2	0	4	360	\$ 60	\$21,600	Yes	SJS-C	MEDIUM	
	7	DRENDEL RD	Ogden	S.Limit	NEW ANNEXED STREET	20		18	-6	10	4	0			0	2	4	1,700	\$ 60	\$102,000	No				
	8	DRENDEL RD	Burlington	N.Limit	NEW ANNEXED STREET	20		18	-6	10	4	0			0	2	4	490	\$ 60	\$29,400	YES	YES			
	9	CROSS ST (AND PRAIRIE)	Ogden	Burlington	NEW ANNEXED STREET	24		24	0	10	6				2	2	4	3,090	\$ 60	\$185,400	No				
	10	FRANCISCO AVE	N.Limit	Burlington	NEW ANNEXED STREET	26		12	-12	10	8	0			2	2	4	770	\$ 60	\$46,200	YES	YES			
	11	GRANVILLE RD	Burlington	N.Limit	NEW ANNEXED STREET	20		12	-12	10	4	0			0	2	4	390	\$ 60	\$23,400	YES	YES			
	12	INDIANAPOLIS	Drendel	Cross	NEW ANNEXED STREET	22		12	-12	10	4	0			2	2	4	570	\$ 60	\$34,200	No				
	13	ROSE AVE	Haddow	Burlington	NEW ANNEXED STREET	26		14	-10	10	8	0			2	2	4	540	\$ 60	\$32,400	No				
	14	WESTERN AVE	Haddow	Burlington	NEW ANNEXED STREET	26		18	-6	10	8	0			2	2	4	540	\$ 60	\$32,400	No				
	15	WALNUT AVENUE	Ogden	Burlington	NEW ANNEXED STREET	24		24	0	10	4	10						2,415	\$ 60	\$144,900	No				
20	16	62ND	Fairview	W.Limit		25	0	20	-4	10	4	5	< 20	est.	0	4	0	2	180	\$ 60	\$10,800	Yes	SJS-K	LOW	
16	17	61ST	Osage	Grand		29	0	33	9	1	10	10	27.9	est.	2	2	0	4	400	\$ 60	\$24,000	No	SJS-F	LOW	
27	18	PRAIRIE	Florence	W.Limit		22	0	12	-12	10	8	0	< 20	est.	0	0	0	4	200	\$ 60	\$12,000	No	SJN-F	MEDIUM	
29	19	MIDDAUGH	Ogden	S.Limit		19	0	26	2	8	10	-5	< 20	est.	0	4	0	2	260	\$ 60	\$15,600	Yes	SJN-D	LOW	
30	20	HERBERT	Main St.	W. of Forest		21	0	28	4	6	6	5	< 20	est.	0	2	0	2	600	\$ 65	\$39,000	No	LA-D	HIGH	
35	21	62ND	Grand	W.Limit		19	0	14	-10	10	8	-5	< 20	est.	0	2	0	4	160	\$ 60	\$9,600	Yes	SJS-K	LOW	
43	22	ROSS CT.	Carpenter	W.Limit		15	0	20	-4	10	4	-5	< 20	est.	0	2	0	4	220	\$ 60	\$13,200	No	SJN-I	MEDIUM	
47	23	INVERNESS	Lomond	Janes		11	0	15	-9	10	2	-5	33.7	09/24/97	4	0	0	0	1,260	\$ 60	\$75,600	No	SJN-G	LOW	
10	24	ELM	Rogers	Warren		28	0	26	2	8	2	10	22.8	06/16/97	1	3	0	4	240	\$ 60	\$14,400	No	SJN-E	HIGH	
26	25	DOWNERS DR	Shopping Center	Butterfield		24	10	53	5	3	0	5	< 20	est.	0	4	0	2	325	\$ 60	\$19,500	No	LA-I	LOW	
36	26	GLEN AVE.	Lee	E.Limit		19	0	20	-4	10	6	-5	< 20	est.	0	4	0	4	200	\$ 60	\$12,000	No	SJN-B	MEDIUM	
37	27	OTIS	Cumnor	W.Limit		17	0	20	-4	10	8	-5	< 20	est.	0	2	0	2	240	\$ 60	\$14,400	No	SJN-F	MEDIUM	
39	28	DAWN PL.	Stanley	E.Limit		17	0	20	-4	10	4	-5	< 20	est.	0	4	0	4	260	\$ 60	\$15,600	No	SJN-E	HIGH	
44	29	35TH	Pomeroy	W.Limit		14	0	18	-6	10	2	-5	29.9	04/08/99	3	0	2	2	420	\$ 60	\$25,200	No	LA-F	MEDIUM	

## 2014 PROPOSED SIDEWALK PRIORITY EVALUATION MATRIX - LISTING OF UNIQUE PROJECTS VILLAGE OF DOWNERS GROVE

The projects included in the list below are still a part of the Sidewalk Matrix but have been separated due to constructability issues related to these specific projects.

New Rank 2014	LOCATION				Neighborhood	Total Score	Major Factors								Minor Factors			Project Information			
	Street Segment	From	To	ADT			Street Width	Width - Lanes x 12	Ped. Clear.	Grade School	Continuity	85% Speed	Speed Count Date	Speed Factor	Ped. Generator	Sight Obstruction	Park Factor	Distance	Est. Cost	Total	Survey Work Complete
																		( feet )	Per Foot	Cost (est)	
1	<b>BROOKBANK</b>	Gilbert	Maple	Denburn Woods	<b>36</b>	4	22	-2	10	4	10	25	07/11/01	2	0	4	2	2,460	\$150	\$369,000	No
2	<b>HICKORY TR.</b>	Oak Hill Rd.	35th	Johnson Woods	<b>29</b>	2	18	-6	10	4	5	27	08/20/01	2	0	2	4	1,620	\$60	\$97,200	No
3	<b>OAK HILL RD.</b>	Saratoga	Highland	Johnson Woods	<b>27</b>	2	20	-4	10	2	5	25	08/20/01	2	0	2	4	1,360	\$60	\$81,600	Yes
4	<b>TURVEY RD.</b>	Brookbank	Hawthorne Ln.	Denburn Woods	<b>27</b>	2	20	-4	10	3	0	26	07/12/01	2	2	4	4	2,060	\$60	\$123,600	No
5	<b>PUFFER</b>	N. of Chicago	S. of Chicago		<b>26</b>	2	18	-6	10	10	-5	30.1	06/06/01	3	2	0	4	1,000	\$60	\$60,000	No
6	<b>BROOK LN</b>	Brookbank	E.Limit	Denburn Woods	<b>22</b>	0	20	-4	10	4	0	< 20	est.	0	0	4	4	340	\$60	\$20,400	No
7	<b>MEADOW LN.</b>	Brookbank	S.Limit	Denburn Woods	<b>20</b>	0	20	-4	10	4	0	< 20	est.	0	0	4	2	700	\$150	\$105,000	No
8	<b>ACORN DR.</b>	Hickory Tr.	Oak Hill Rd.	Johnson Woods	<b>17</b>	0	18	-6	10	2	0	23	08/20/01	1	0	0	4	270	\$60	\$16,200	No
9	<b>HIGHLAND CT.</b>	Highland	E.Limit		<b>15</b>	0	14	-10	10	4	-5	< 20	est.	0	4	0	2	460	\$60	\$27,600	No
10	<b>JACQUELINE</b>	Gilbert	S.Limit	Denburn Woods	<b>15</b>	0	15	-9	10	2	-5	< 20	est.	0	0	4	4	580	\$60	\$34,800	No
11	<b>CORNELL</b>	Curtiss	S.Limit		<b>13</b>	0	27	3	10	4	-5	< 20	est.	0	0	0	4	440	\$60	\$26,400	No
12	<b>DeWITT</b>	Gilbert	S.Limit	Denburn Woods	<b>13</b>	0	16	-8	10	2	-5	< 20	est.	0	0	2	4	280	\$60	\$16,800	No
13	<b>HAWTHORNE LN.</b>	Turvey Rd.	Brookbank Rd.	Denburn Woods	<b>13</b>	0	20	-4	10	2	-5	< 20	est.	0	0	4	2	220	\$150	\$33,000	No
14	<b>TURVEY CT.</b>	Turvey Rd.	S.Limit	Denburn Woods	<b>13</b>	0	20	-4	10	2	-5	< 20	est.	0	0	4	2	440	\$150	\$66,000	No