

April 11, 2011

Hound Ears Club Roadway Evaluation Study Executive Summary

INTRODUCTION

Since the early 1960's, Hound Ears Club (HEC), has evolved into a mature residential community, encompassing 435 single family homes and condominium units. Located over 750 acres, portions of the communities infrastructure are approaching 50 years of use. Over these years new sections have been added and updated; however, no one single document has been formulated to map and evaluate the conditions prior to this study.

The purpose of the study is to evaluate the 12.59 miles of roads and associated infrastructure. The study documents, maps and quantifies the existing conditions; evaluates the key components; develops a priority ranking; and recommends appropriate remediation steps.

This evaluation may be used to: 1) develop projections for the maintenance, operations and replacement of components that have exceeded their reasonable life-cycle, 2) develop short-term and long-term rehabilitation priorities, and 3) update and monitor as-built conditions.

The data to perform the inventory and mapping includes, but is not limited to, data obtained from: Watauga County GIS Department, survey documents produced in 2004 by Appalachian Survey Company when the Club was purchased as an equity corporation, previous plans and surveys produced over the life of the Club, as-built conditions recorded by Club staff, utility plans provided by Utilities, Inc. for water and sanitary sewer, electrical plans provided by Blue Ridge Utilities Cooperative, telephone plans from Skyline Telephone Corporation, and on-site field reconnaissance conducted by Fremont Latimer, Frederick Halback, Richard Clark and Darryl Eggers.

DOCUMENTATION METHODS

As explained above, mapping was prepared utilizing readily available data and on-site field reconnaissance. This data has been recorded in layers utilizing AutoCAD version 2006 software and protocols. Data sets may be displayed depending on need, hierarchy, scale, and required view area. Data may be manipulated or updated using AutoCAD Lite software. Furthermore, AutoCAD maps may be formatted as PDF's for easy use, printing and e-mailing.

The overall evaluation summary and individual evaluation sheets (per road segment) are produced in Excel, allowing easy manipulation, update and conversion to PDF's.

TECHNICAL APPROACH FOR EVALUATING ROADWAYS

Evaluation Strategy

The initial step in the Roadway Evaluation process was to assemble pertinent roadway and utility data in the form of recorded, historical information. This inventory was augmented with HEC-wide field reconnaissance efforts (windshield surveys) conducted during wet and dry weather conditions (December 2010, February 2011 and March 2011). To undertake a comprehensive assessment of the streets, it was necessary to incorporate within the inventory information regarding the various visible and subsurface components that make-up a "roadway system". Four (4) such components were identified (these are discussed in detail below). For each component, a list of technical criteria was developed that describes various levels/stages of deterioration, with each assigned a numerical value. The intent of this exercise was to provide generic descriptions that could be used to compare overall condition or usage.

After the internal record search was completed, each roadway (50+ street segments covering over 12.59 miles) was inspected in both dry and wet weather conditions. Values were carefully assigned and an overall rating calculated for each component. Using an average of the weighted component scores, a final score was calculated for each roadway. The rating system is such that the lower the score the more severe / deteriorated are the conditions. A score of one (1) represents the greatest priority road. A score of five (5) represents an ideal street with the lowest priority.

For each roadway, a proposed remediation scenario was assigned depending upon the type of road and the degree of deterioration. Five (5) options were identified and labeled "A" through "E". The options propose complete reconstruction to various levels of rehabilitation / repaving (A - C). In some cases, (D) "routine" maintenance practices (i.e., activities within the capabilities of the HEC Property Services Department) should address the immediate concerns of residents. Recently completed or lightly traveled roads require no action (E).

Lastly, HEC was divided into eight (8) geographic sectors or neighborhoods. These were delineated based upon by their commonality and similarity. It is recommended that when prioritizing and potentially selecting future reconstruction and rehabilitation candidates, each roadway should be viewed against other streets within the same sector. This provides comparisons that are more relevant and representative. Routine updating of the ratings is advisable to reflect evolving conditions.

Component Criteria

Weighted criteria were developed for each roadway system component. The intent was to give greater emphasis on those factors that more directly impact the structural integrity and safety of a roadway. The lower the component number, the more deteriorated the condition or greater priority of usage. Scores were given for the following components:

Roadway Classification (Usage):

Score

Criteria Description

- Roadway is a "primary" or "major" thoroughfare servicing a significant volume of daily vehicular and pedestrian traffic, characterized by peak flows. Roadway is a designated emergency evacuation, truck and / or service route, is equipped with traffic control systems, and services Club facilities.
- Roadway is a "collector" thoroughfare servicing a substantial volume of daily vehicular and pedestrian traffic; or may be the site of numerous condominium buildings. Roadway may serve as a pass- through or alternate route between larger thoroughfares.
- Roadway is a "secondary" thoroughfare that is primarily local in nature. Daily use is by limited area residents and associated service vehicles.

Paving:

Score

Criteria Description

- Roadway surface exhibits extensive deterioration in the form of longitudinal / transverse separations; alligator cracking; widespread pothole or trench patches; rutting; spalling; and/or, edge cracking. Such defects exist on greater than 50% of the pavement. Substantial portions of the roadway have settled such that vehicular and pedestrian safety is compromised.
- Roadway surface exhibits sporadic deterioration in the form of longitudinal/transverse separations; alligator cracking; widespread pothole or trench patches; spalling; rutting; and/or, edge cracking. Such defects exist on 25% to 50% of the pavement. Isolated portions of the roadway have settled such that vehicular and pedestrian safety is impeded and jeopardized in certain areas.
- Roadway has been reconstructed or repaved (asphalt overlay) in the last five (5) years or exhibits minimal wear. Roadway surface exhibits minor deterioration in the form of longitudinal/transverse separations; alligator cracking; widespread pothole or trench patches; spalling; rutting; and/or, edge cracking. Road settlement does not appear to be an issue.

Drainage:

Score

Criteria Description

Positive drainage for the roadway is poor and runoff is primarily collected in curbside dirt gutters, swales or drainage pipes. Existing positive drainage structures and/or piping is inadequately sized to handle volume of runoff during typical rain events and/or are structurally deteriorated. Pipes and structures are over 30 years old and pipe is corrugated metal. Irregular street grading deters the fluid transport of water to these receptacles. Conditions are such that chronic flooding occurs after most rain events, with major inundation occurring during and after a major storm.

- Positive drainage for the roadway is adequate and runoff is primarily collected in curbside dirt gutters, swales or drainage pipes. Existing drainage structures and / or piping may or may not be adequately sized to handle volume of runoff during typical rain events. Culverts and piping are corrugated metal and irregular street grading may deter the fluid transport of water to these receptacles. Conditions are such that some flooding occurs occasionally after rain events, with more substantial inundation occurring during and after a major storm.
- Roadway drains well during and after typical rain events. Occasional flooding may occur during high intensity rain, but water is typically gone within shortly after the event. Pooling water along gutter or swale areas are minimal or sporadic. Drainage culverts and pipes have been replaced with resized corrugated plastic (HDP) pipe.

Street Elements (striping, guard rails, crossings, signage, grassing on shoulders, retaining walls etc.):

Score

Criteria Description

- 1 At least 25% of the street elements are damaged or worn out. Safety of roadway is compromised.
- At least 10% but less than 25 % of the street elements are damaged or worn out. Certain areas of the roadway are compromised.
- 5 Less than 10% of the street elements are damaged or worn out.

Component Weighting

Certain components intuitively carry more importance since they apply to a roadway's level of use, structural integrity, drainage, and roadway safety. The components above were weighted using the following percentages:

 Usage
 35%

 Paving
 30%

 Drainage
 25%

 Street Elements
 10%

 100%

PROPOSED REMEDIATION OPTIONS

Based upon the overall condition of each roadway, a remediation option was assigned that addresses the identified defects. The selection of a rehabilitation plan is based upon engineering judgment and relevant technical experience.

Remediation Code

- A. Complete reconstruction of roadway including upgrading of sanitary sewer and potable water systems (where appropriate), replacement of appropriate positive storm drainage facilities; replacement of pavement.
- B. Rehabilitation of roadway in the form of an asphalt overlay of the existing pavement; replacement of drainage structures as appropriate.
- C. Rehabilitation of asphalt roadway by replacing deteriorated pavement sections; cleaning catch basins, and scarifying and/or filling dirt gutters and swales.
- D. In-house maintenance efforts to seal cracks; fill joints; repair potholes; and, rehabilitate defective patches/trenches.
- E. No action proposed at this time.

CONCLUSIONS and RECOMMENDATIONS

Based on the evaluation of roadways, Hound Ears Club has numerous segments that need to be addressed. The recently completed Cherry (2009) and Dogwood -entrance to five points-(2010) projects have been restored, adding considerable value to adjoining properties and the community as a whole. These projects have demonstrated the success of completing entire road segments. However, since the life-cycle of repaving is between 10 to 20 years, depending on usage, it is important to continue the systematic rehabilitation of all remaining segments. Based on the results of the evaluation matrix attached, the top five (5) roadway segments ranked according to greatest to least priority are as follows:

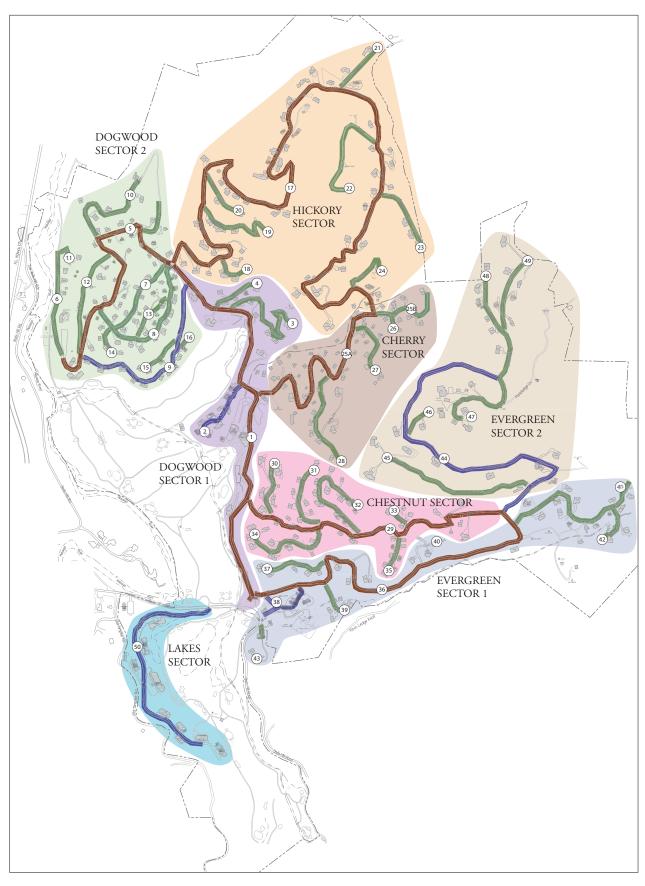
- 1). Dogwood five points to the pool
- 2). Hickory
- 3). Evergreen chestnut to cottonwood
- 4). Evergreen dogwood to chestnut
- 5). Chestnut

To better utilize the evaluation summary, the following action steps are recommended.

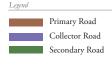
- 1). Adopt the evaluation program and proceed with the greatest priority projects.
- 2) Develop a 1 5 10 year implementation plan, including probable estimates of construction costs, methods of payment / financing, etc. Assess whether the current road paving and infrastructure fees need to be modified or increased.
- 3). Implement or remediate items listed as *critical* on the overall evaluation summary and individual evaluation forms, as funds are available.
- 4). Continue to update data sets and as-built mapping.
- 5). Purchase appropriate software and train staff on use of software.

INDEX OF DELIVERABLES

- A. Executive Summary and Recommendations
- B. Map of Roadway Segments and Sectors 1 sheet
- C. Evaluation Summary Matrix by Sector and Greatest to Least Priority 2 sheets
- D. Individual Evaluation Summary Forms (double sided) 50 sheets
- E. Mapping of Surface As-built Conditions 9 sheets
- F. Mapping of Utilities (water, sewer, electric, fiber, phone) 4 sheets









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			Rating	50					Quantities	ies		Dra	inage		Utilities			H	Elements			I	Notes
Eva	raluation Remediati Score Code	yaluation Remediation Score Code	Usage 1=primary 2=collector 3=secondary	Paving	Paving Drainage Street Elements	Street Elements	Homes	Density (homes/100 ft.)	Homes Density Total thomselve Length V (h)	Avg. Width	Paved Area (sq. ft.)	Culverts Inlets Pipes	Swales	Water Line Size	Sanitary	Electric O=overhead U=underground	Striping	Guard I Rails	Paved Area Culverts Swales Water Sanitary Electric Striping Guard Retaining Hydrants Hydrants Get. E. Line Converted Rails Walls Active Inactive Pipes Size Size	ydrants H Active I	ydrants 1active		

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Inlet 17-9 is a hazard.

Inlet 14-1 needs upgra

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Replace guardrail at Ced

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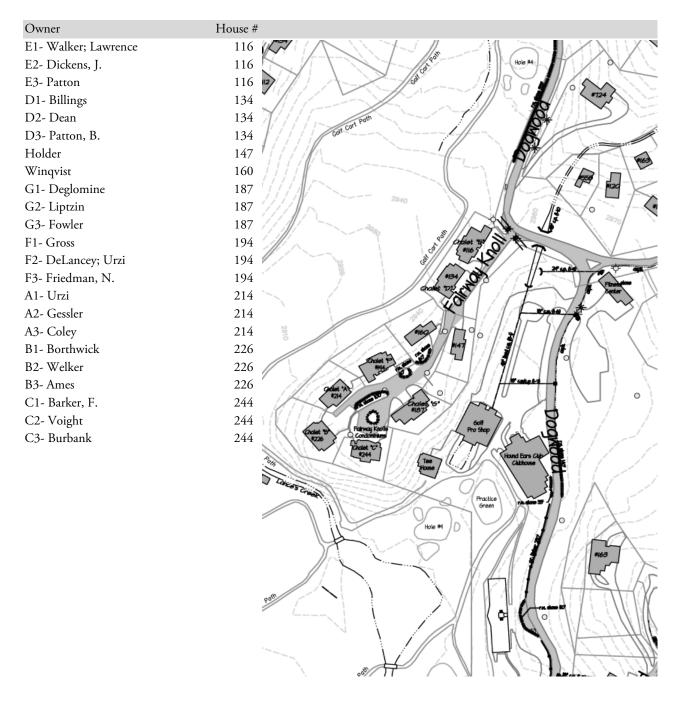
Ponding between bldg.A

Road Segment:	1	Dogwood to	2 born	its		Roadway Ev	aluation Form
Sector:	dogwo	od1				Date:	4/10/2011
EVALUATION							
Evaluation Score	3.	J	%, Paving		6	Remediation Code	E
		Performar	ice Ratin	g (1= greatest	priority, 5=	= lowest priority)	
Usage	1	1 = "Primary", he 3 = "Collector", s 5 = "Secondary".	substanti	ally travelled, ı	used as pass	s-through	
Paving	5	1 = 50% or more 3 = 25%-50% is 5 = minor deterio	deteriora oration, 1	ited or cracked 10 settling	l, limited se	ettling	
Drainage	5	3 = adequate drained, 5 = well drained,	inage, ad adequat	equate infrastr e infrastructure	ructure, occ e, minimal	flooding	
Street Elements	4	1 = 25% or more 3 = 10%-25% of 5 = Less than 10°	element	s are damaged	or require	replacement	
USAGE							
Classification: Number of Homes: Facilities Served:	1	4	•	llector 3=secon Density (hom House, Golf Pr	nes/100ft):	0.30 ee House, Fitness Cer	nter
PAVING							
Total Length (ft):	4743	Avg. Wid	th (ft):	20	Total	Paved Area (sq ft):	94,860
ELEMENTS							
Striping:	3	Guard Rails:	510	Retaini	ing Walls	1165	
DRAINAGE							
Culverts/Inlets/Pipes	Y	Swales	Y				
UTILITIES							
Water Line:	2,6	Pipe Diameter		Sanitary	y: <u>Y</u>		
Electric:	О	O=overhead, U=underground		Hydrants:	1 6" line	3 2"-4" line	
Notes							
1. Complete upgrade of pav 2. Stone retaining wall along 3. Inlet 1-1, 1-2, 1-4, 1-5, 1 4. Inlet 1-7 replaced under a 2006	g #4 gree:	n failing, needs rel 1-15, 1-16 replac	nabilitati ed in 20	on 10		13, 1-14 replaced in	2009, 2004,

	**
Owner	House #
Security Gate	
Neary Lodge Deck	295
Club House	429
Golf Pro Shop	
Tee House	477 538 Lange of the lange of t
Fitness Center	475 477 538 540
Fitness Center	
Goodman; Goodman; Settle	558
Turner, J.	
Carter, R.	748 Z V Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z
Koehler	801
Blaine	863
Ashby	931
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Road Segment:	2	Fairway Knoll	Roadway Evaluation Form
Sector:	dogwo	ood1	Date: 4/10/2011
EVALUATION			
Evaluation Score	2	Pormula for calculation: Usage - 35%, Paving - 30% Drainage - 25%, Street Eleme	Remediation Code B
		Performance Rating (1= g	reatest priority, 5= lowest priority)
Usage	3	1 = "Primary", heavily travelled, 3 = "Collector", substantially tra 5 = "Secondary". Lightly travelle	velled, used as pass-through
Paving	3	1 = 50% or more is deteriorated 3 = 25%-50% is deteriorated or 5 = minor deterioration, no settl	cracked, limited settling ing
Drainage	3	3 = adequate drainage, adequate 5 = well drained, adequate infras	8
Street Elements	2	3 = 10%-25% of elements are da	e damaged or require replacement amaged or require replacement re damaged or require replacement
USAGE			
Classification: Number of Homes: Facilities Served:		3	3=secondary y (homes/100ft): 6.18
PAVING			
Total Length (ft):	502	Avg. Width (ft):18	Total Paved Area (sq ft): 9,036
ELEMENTS			
Striping:	0	Guard Rails: 0	Retaining Walls 200
DRAINAGE			
Culverts/Inlets/Pipes	N	Swales N	
UTILITIES			
Water Line:	4	Pipe Diameter	Sanitary: Y
Electric:	О	O=overhead, H U=underground	ydrants: 0 0 0 0 0 0 0 0 0 0
Notes			

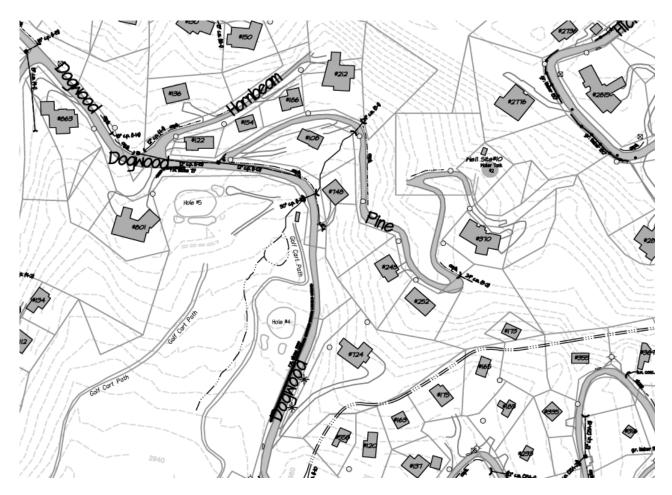
Fairway Knoll Date: 4/10/2011



Road Segment:	3	Pine					Ro	adway Eva	luation Form
Sector:	dogwo	ood1						Date:	4/10/2011
EVALUATION								_	
Evaluation Score	3.	.85 _{U.}	ormula for calcu sage - 35%, Pat rainage - 25%,	ving - 30%	s - 10%		Remedi Cod		В
		Per	formance Ra	ating (1= gro	eatest prio	rity, 5=	lowest pri	ority)	
Usage	5	3 = "Colle	ary", heavily ector", substa ndary". Ligh	intially trave	elled, used	l as pass-			
Paving	2	3 = 25%-5	or more is de 50% is deteri deterioration	iorated or cr	acked, lin			g	
Drainage	4	3 = adequa 5 = well da	sitive drainag ate drainage, rained, adeqı	adequate ir uate infrastr	nfrastructu ructure, m	are, occa ainimal f	sional floo looding	oding	
Street Elements	5	3 = 10%-2	or more of elem- nan 10% of e	ents are dan	naged or r	equire re	eplacemen	ıt	
USAGE									
Classification: Number of Homes: Facilities Served:		5 4	=primary 2		B=secondar (homes/1	•	0.3	0	
PAVING									
Total Length (ft):	1350	Av	g. Width (f	t): <u>17</u>		Total F	aved Area	(sq ft):	22,950
ELEMENTS									
Striping:	1	_ Guard l	Rails: 0	R	Retaining `	Walls _	0		
DRAINAGE									
Culverts/Inlets/Pipes	Y	_ s	wales Y	_					
UTILITIES									
Water Line:	2	Pipe Diam	ıeter	Sa	ınitary: _	N			
Electric:	0	_O=overhea U=underg		Нус	lrants:	0 6" line	2	0 "-4" line	
Notes									
1. Drainage structure 3-1 re	:placed/u	ipgraded circ	ca 2000						

Pine Date: 4/10/2011

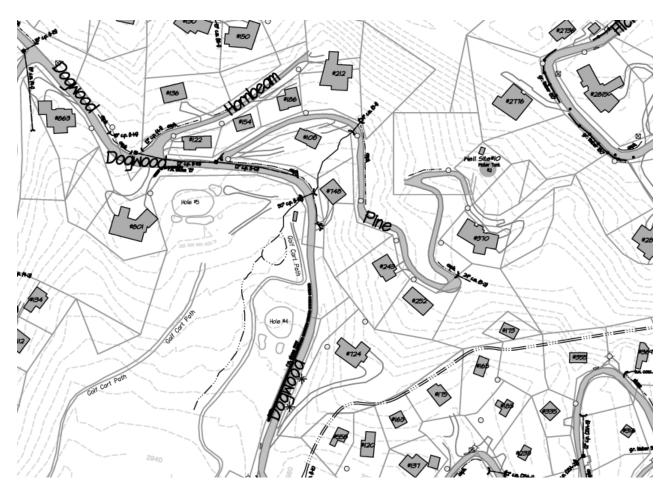
Owner	House #
Liang Poole	108
Poole	243
Weisler	252
Pearl	370



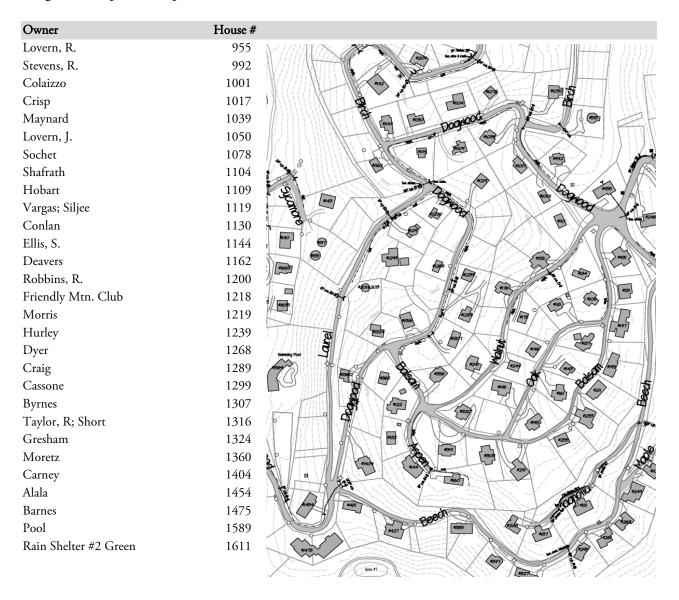
Road Segment:	4	Hornbeam		Roadway Ev	aluation Form
Sector:	dogwo	ood1		Date:	4/10/2011
EVALUATION					
Evaluation Score	4.		alculation: Paving - 30% 5%, Street Elements - 10%	Remediation Code	D
		Performance	e Rating (1= greatest prior	rity, 5= lowest priority)	
Usage	5	3 = "Collector", sul 5 = "Secondary". L	vily travelled, evacuation bstantially travelled, used ightly travelled, local traff	as pass-through fic only	
Paving	5	3 = 25%-50% is de 5 = minor deteriora	•	nited settling	
Drainage	4	3 = adequate draina 5 = well drained, ad	inage, insufficient infrastr age, adequate infrastructu dequate infrastructure, mi	re, occasional flooding	
Street Elements	5	3 = 10%-25% of el	f elements are damaged o ements are damaged or ro of elements are damaged	equire replacement	
USAGE					
Classification: Number of Homes: Facilities Served:	0	5	2=collector 3=secondar Density (homes/1		
PAVING					
Total Length (ft):	418	Avg. Width	(ft):17	Total Paved Area (sq ft):	7,106
ELEMENTS					
Striping:	2	Guard Rails:	0 Retaining V	Walls 0	
DRAINAGE					
Culverts/Inlets/Pipes	N	Swales	Y		
UTILITIES					
Water Line:	?	Pipe Diameter	Sanitary:	N	
Electric:	O	O=overhead, U=underground	Hydrants:	0 0 " line 2"-4" line	
Notes					

Hornbeam Date: 4/10/2011

Owner	House #
Zimmerman, J.	122
Tucker, E.	136
Rouse	154
Rouquette	186
Crouse	212



Road Segment:	5	Dogwood: 5 poin	ts to pool	Roa	dway Eval	luation Form
Sector:	dogwo	ood2			Date:	4/10/2011
EVALUATION						
Evaluation Score	2	Formula for calcula Usage - 35%, Pavi Drainage - 25%, S		Remedia Code		В
		Performance Rat	ing (1= greatest pric	rity, 5= lowest prior	rity)	
Usage	1	1 = "Primary", heavily t 3 = "Collector", substar 5 = "Secondary". Lightl	ntially travelled, used y travelled, local trad	l as pass-through fic only		
Paving	2	1 = 50% or more is deterior 3 = 25%-50% is deterior 5 = minor deterioration	orated or cracked, lir , no settling	nited settling		
Drainage	3	1 = no positive drainage, 3 = adequate drainage, 5 = well drained, adequ	adequate infrastructu ate infrastructure, m	ire, occasional flood inimal flooding	ling	
Street Elements	3	1 = 25% or more of ele. 3 = 10%-25% of eleme 5 = Less than 10% of el	nts are damaged or 1	equire replacement		
USAGE						
Classification: Number of Homes: Facilities Served:	2	1	collector 3=secondar Density (homes/	=		
PAVING						
Total Length (ft):	3093	Avg. Width (ft)	: 18	Total Paved Area	(sq ft):	55,674
ELEMENTS						
Striping:	2	Guard Rails: 0	Retaining	Walls 0		
DRAINAGE						
Culverts/Inlets/Pipes	Y	Swales Y	_			
UTILITIES						
Water Line:	2	Pipe Diameter	Sanitary: _	N		
Electric:	O	O=overhead, U=underground	Hydrants:	0 5" line 2"-	1 4" line	
Notes						
1. Inlets 5-2, 5-3 replaced in	1 2006					



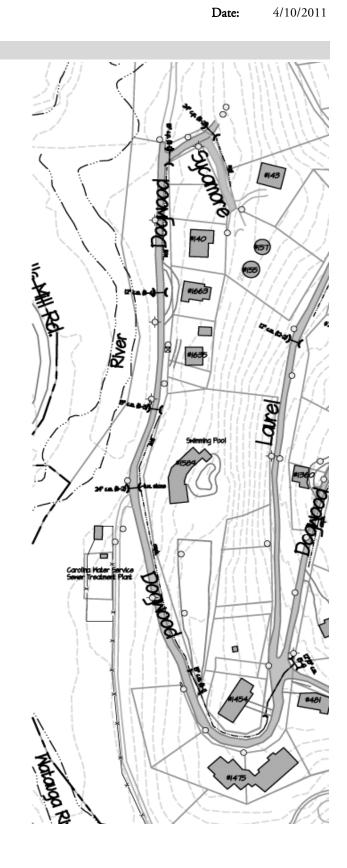
Road Segment:	6	Dogwood: pool to Sycamore	Roadway Ev	aluation Form
Sector:	dogwo	ood2	Date:	4/10/2011
EVALUATION				
Evaluation Score	3	Formula for calculation: Usage - 35%, Paving - 30% Drainage - 25%, Street Elements - 10%	Remediation Code	В
		Performance Rating (1= greatest pr		
Usage	5	1 = "Primary", heavily travelled, evacuation 3 = "Collector", substantially travelled, us 5 = "Secondary". Lightly travelled, local travelled.	ed as pass-through	
Paving	2	1 = 50% or more is deteriorated or cracked 3 = 25%-50% is deteriorated or cracked, 1 5 = minor deterioration, no settling	•	
Drainage	3	 1 = no positive drainage, insufficient infra 3 = adequate drainage, adequate infrastructure, 5 = well drained, adequate infrastructure, 	cture, occasional flooding	
Street Elements	3	1 = 25% or more of elements are damaged of 3 = 10%-25% of elements are damaged of 5 = Less than 10% of elements are damaged	r require replacement	
USAGE		_		
Classification: Number of Homes: Facilities Served:	0	1=primary 2=collector 3=second Density (homes	•	
PAVING				
Total Length (ft):	971	Avg. Width (ft):18	Total Paved Area (sq ft):	17,478
ELEMENTS				
Striping:	2	Guard Rails: 0 Retaining	g Walls 0	
DRAINAGE				
Culverts/Inlets/Pipes	Y	Swales Y		
UTILITIES				
Water Line:	2	_Pipe Diameter Sanitary:	<u>N</u>	
Electric:	О	O=overhead, Hydrants: U=underground	0 1 6" line 2"-4" line	
Notes				

Dogwood: pool to Sycamore

 Owner
 House #

 Breedlove
 1635

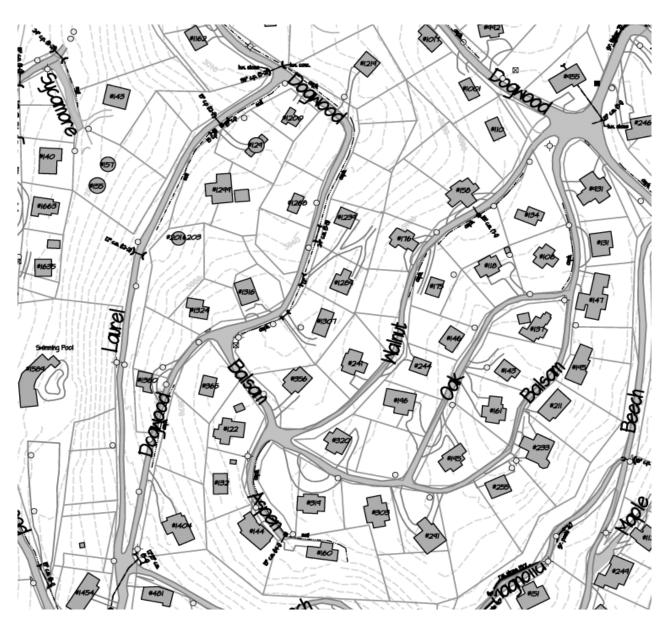
 Rudisill
 1663



Road Segment:	7	Walnut		Roadway Ev	aluation Form
Sector:	dogwo	ood2		Date:	4/10/2011
EVALUATION					
Evaluation Score	3.	Formula for ca. Usage - 35%, I Drainage - 259		Remediation Code	В
		Performance	Rating (1= greatest prior	ity, 5= lowest priority)	
Usage	5	3 = "Collector", subs 5 = "Secondary". Lig	lly travelled, evacuation o stantially travelled, used a ghtly travelled, local traff	as pass-through ic only	
Paving	2	3 = 25%-50% is det 5 = minor deteriorat	-	ited settling	
Drainage	2	3 = adequate drainag 5 = well drained, ade	age, insufficient infrastruge, adequate infrastructur equate infrastructure, min	re, occasional flooding nimal flooding	
Street Elements	5	3 = 10%-25% of ele	elements are damaged or ments are damaged or re f elements are damaged o	quire replacement	
USAGE					
Classification: Number of Homes: Facilities Served:		5	2=collector 3=secondary Density (homes/10		
PAVING					
Total Length (ft):	945	Avg. Width	(ft): <u>17</u>	Total Paved Area (sq ft):	16,065
ELEMENTS					
Striping:	2	Guard Rails:	0 Retaining W	7alls 0	
DRAINAGE					
Culverts/Inlets/Pipes	N	Swales	<u>Y</u>		
UTILITIES					
Water Line:	2	Pipe Diameter	Sanitary:	N	
Electric:	О	O=overhead, U=underground	Hydrants:	0 1 V line 2"-4" line	
Notes					

Walnut Date: 4/10/2011

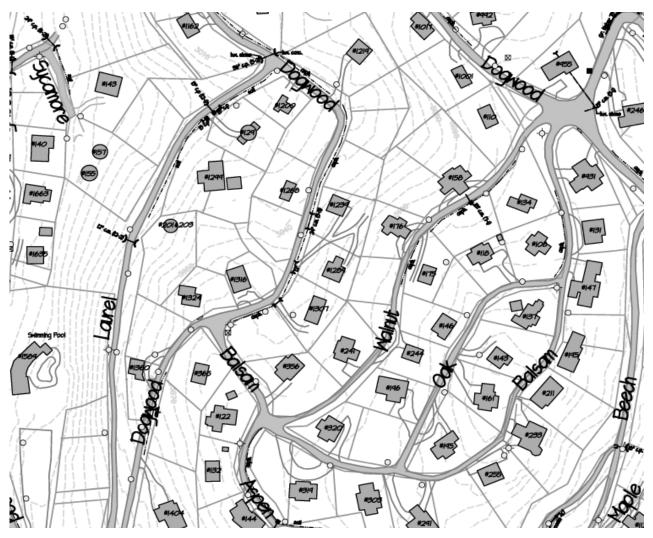
Owner	House #
Tate	110
Nance	158
Judge Eberhardt	175
Eberhardt	176
Coffey Adamson	241
Adamson	244



Road Segment:	8	Balsam		Roadway Ev	aluation Form
Sector:	dogwo	ood2		Date:	4/10/2011
EVALUATION					
Evaluation Score	3		alculation: Paving - 30% 5%, Street Elements - 10%	Remediation Code	C/D
Usage Paving	5	1 = "Primary", hear 3 = "Collector", sul 5 = "Secondary". L 1 = 50% or more is 3 = 25%-50% is de	e Rating (1= greatest priori vily travelled, evacuation of bstantially travelled, used a ightly travelled, local traffic deteriorated or cracked, sectoriorated or cracked, limi	or service route as pass-through c only ubstantial settling	
Drainage Street Elements	3	3 = adequate draina 5 = well drained, ad 1 = 25% or more o 3 = 10%-25% of el	ation, no settling inage, insufficient infrastru age, adequate infrastructur lequate infrastructure, mir f elements are damaged or ements are damaged or rec of elements are damaged o	e, occasional flooding nimal flooding require replacement quire replacement	
USAGE]) = Less than 10%	or elements are damaged to	or require replacement	
Classification: Number of Homes:		5	2=collector 3=secondary Density (homes/10		
PAVING					
Total Length (ft):	1513	Avg. Width	(ft): <u>20</u>	Total Paved Area (sq ft):	30,260
ELEMENTS					
Striping:	2	Guard Rails:	0 Retaining W	7alls 0	
DRAINAGE					
Culverts/Inlets/Pipes	N	Swales	Y		
UTILITIES					
Water Line:	2	_Pipe Diameter	Sanitary:	N	
Electric:	О	O=overhead, U=underground	Hydrants: 6"	0 1 line 2"-4" line	
Notes					
,					

Balsam Date: 4/10/2011

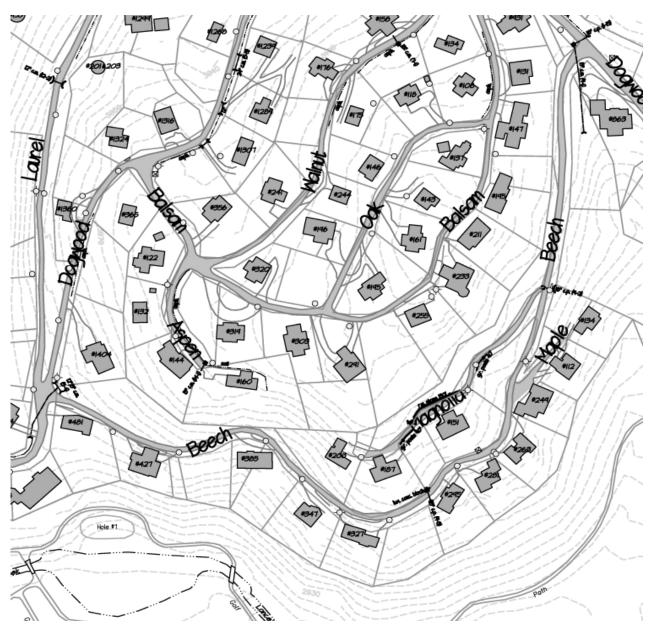
Owner	House #
Bashaarkhah	131
Shrader	134
Davis, G.	147
Myers, G.M.	195
Whitton	211
Nullman	233
Poe, W.E.	255
Scott	291
Russo	303
Ridenhour	319
Cornelius	320
Whiteside	356
Peace	357
Jamison	365



Road Segment:	9	Beech			Roadway Eva	luation Form
Sector:	dogwo	ood2			Date:	4/10/2011
EVALUATION						
Evaluation Score	3	• 1 Usage - 35	r calculation: %, Paving - 30% 25%, Street Elements - 10%		emediation Code	C/D
		Performan	ce Rating (1= greatest	priority, 5= lo	west priority)	
Usage	3	3 = "Collector", s 5 = "Secondary".	eavily travelled, evacua substantially travelled, Lightly travelled, local	used as pass-th l traffic only	rough	
Paving	3	3 = 25%-50% is	is deteriorated or crace deteriorated or cracked pration, no settling		•	
Drainage	3	3 = adequate drai	rainage, insufficient inf nage, adequate infrasti adequate infrastructur	ructure, occasio	onal flooding	
Street Elements	4	3 = 10%-25% of	of elements are damaged elements are damaged of elements are damaged	or require repl	lacement	
USAGE						
Classification: Number of Homes: Facilities Served:		3	ry 2=collector 3=seco Density (hon	•	0.45	
PAVING						
Total Length (ft):	1989	Avg. Wid	th (ft): 18	Total Pav	red Area (sq ft):	35,802
ELEMENTS		-			_	
Striping:	2	Guard Rails:	0 Retain	ing Walls	0	
DRAINAGE						
Culverts/Inlets/Pipes	Y	Swales	N			
UTILITIES						
Water Line:	2	Pipe Diameter	Sanitary	y: <u>N</u>		
Electric:	О	O=overhead, U=underground	Hydrants	6" line	1 2"-4" line	
Notes						
 Inlets 9-2, 9-3 replaced 2 Drainage problem at #38 Street painted signage up 	5 caused					
1 0 0 0						

Beech Date: 4/10/2011

Owner	House #
Puck	249
Jones, S.	263
Halback	281
Alden	295
Johnston, G.	327
Hice	347
Williams; Mansfield	385
Snavely	427
Morrison, S.	481



Road Segment:	10 Birch		Roadway Eval	uation Form
Sector:	dogwood2		Date:	4/10/2011
EVALUATION			_	
Evaluation Score	3.35 Usage -	ıla for calculation: - 35%, Paving - 30% age - 25%, Street Elements - 10%	Remediation Code	В
	Perform	mance Rating (1= greatest pric	ority, 5= lowest priority)	
Usage	5 3 = "Collector 5 = "Secondar	", heavily travelled, evacuation r", substantially travelled, usec ry". Lightly travelled, local tra	l as pass-through ffic only	
Paving	3 = 25%-50%	nore is deteriorated or cracked, 6 is deteriorated or cracked, lir terioration, no settling	•	
Drainage	3 = adequate of	ve drainage, insufficient infrast drainage, adequate infrastruct ned, adequate infrastructure, m	ure, occasional flooding	
Street Elements	2 3 = 10%-25%	nore of elements are damaged of 6 of elements are damaged or 1 10% of elements are damaged	require replacement	
USAGE				
Classification: Number of Homes: Facilities Served:	6	imary 2=collector 3=secondar Density (homes/	•	
PAVING				
Total Length (ft):	1502 Avg. V	Width (ft):20	Total Paved Area (sq ft):	30,040
ELEMENTS				
Striping:	2 Guard Rails	ls: 55 Retaining	Walls 0	
DRAINAGE				
Culverts/Inlets/Pipes	Y Swale	les Y		
UTILITIES				
Water Line:	2 Pipe Diameter	r Sanitary: _	N	
Electric:	O=overhead, U=undergroun	Hydrants:	0 5" line 0 2"-4" line	
Notes				
1 Inlets 10-3 10-4 replaced	n 2008			

- 2. Guardrail at inlet 10-5 need replacing

Birch Date: 4/10/2011

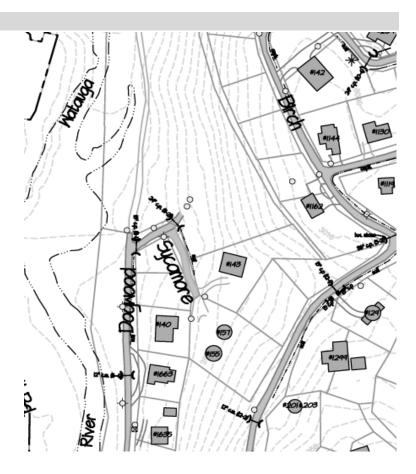
Owner	House #
Vabderlinden	142
McGregor	161
Green, A.	209
Lombardi	278
Ricketts	313
Mathis	515



Road Segment:	11	Sycamore	Roadway Evaluat	ion Form
Sector:	dogwo	ood2	Date:	4/10/2011
EVALUATION				
Evaluation Score	4.	Formula for calculation: Usage - 35%, Paving - 30% Drainage - 25%, Street Elements	(Code I	B/C
		Performance Rating (1= green and 1 = "Primary", heavily travelled, ex	eatest priority, 5= lowest priority)	
Usage	5	3 = "Collector", substantially trave 5 = "Secondary". Lightly travelled,	elled, used as pass-through , local traffic only	
Paving	3	1 = 50% or more is deteriorated or cr 3 = 25%-50% is deteriorated or cr 5 = minor deterioration, no settlin	racked, limited settling	
Drainage	4	3 = adequate drainage, adequate in 5 = well drained, adequate infrastr	ucture, minimal flooding	
Street Elements	5	1 = 25% or more of elements are c 3 = 10%-25% of elements are dam 5 = Less than 10% of elements are	naged or require replacement	
USAGE				
Classification: Number of Homes: Facilities Served:		5	S=secondary (homes/100ft):	
PAVING				
Total Length (ft):	1196	Avg. Width (ft): 17	Total Paved Area (sq ft):	20,332
ELEMENTS				
Striping:	2	Guard Rails: 0 R	Letaining Walls0	
DRAINAGE				
Culverts/Inlets/Pipes	Y	Swales Y		
UTILITIES				
Water Line:	2	_Pipe Diameter Sa	nitary: N	
Electric:	О	O=overhead, Hyd U=underground	frants: 0 0 2"-4" line	
Notes				
1. Inlets 11-1, 11-2 replaced	l 2007			

Sycamore Date: 4/10/2011

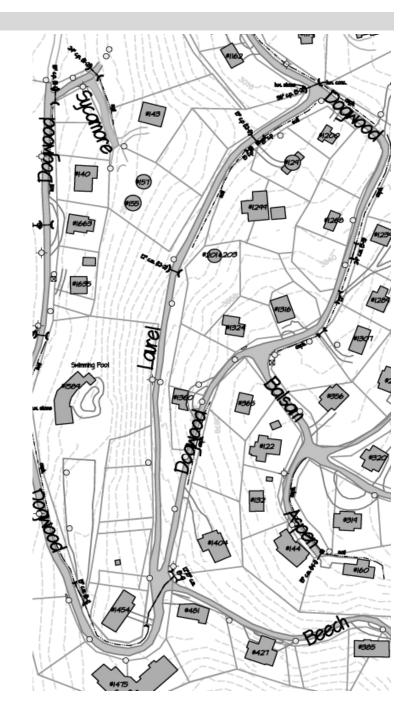
Owner	House #
Spivey	140
Tirico	143
Feldman	155
Laidlaw	157



Road Segment:	12	Laurel		Roadway Ev	aluation Form
Sector:	dogw	ood2		Date:	4/10/2011
EVALUATION				_	
Evaluation Score	3.	Formula for call Usage - 35%, F Drainage - 25%		Remediation Code	В
		Performance l	Rating (1= greatest prior	ity, 5= lowest priority)	
Usage	5	3 = "Collector", subs	ly travelled, evacuation o tantially travelled, used : htly travelled, local traff	as pass-through	
Paving	3	3 = 25%-50% is dete 5 = minor deteriorati	=	ited settling	
Drainage	2	3 = adequate drainag	age, insufficient infrastru e, adequate infrastructur quate infrastructure, mi	re, occasional flooding	
Street Elements	5	3 = 10%-25% of eler	elements are damaged or nents are damaged or re f elements are damaged o	quire replacement	
USAGE					
Classification: Number of Homes: Facilities Served:		5	2=collector 3=secondary Density (homes/10		
PAVING					
Total Length (ft):	265	Avg. Width	(ft): <u>17</u>	Total Paved Area (sq ft):	4,505
ELEMENTS					
Striping:	0	Guard Rails:	Retaining W	Valls 0	
DRAINAGE					
Culverts/Inlets/Pipes	Y	Swales	<u> </u>		
UTILITIES					
Water Line:	2	Pipe Diameter	Sanitary:	N	
Electric:	0	_ O=overhead, U=underground	Hydrants:	0 0 2"-4" line	
Notes					
1. Inlets 12-1 replaced in 20	02				

Laurel Date: 4/10/2011

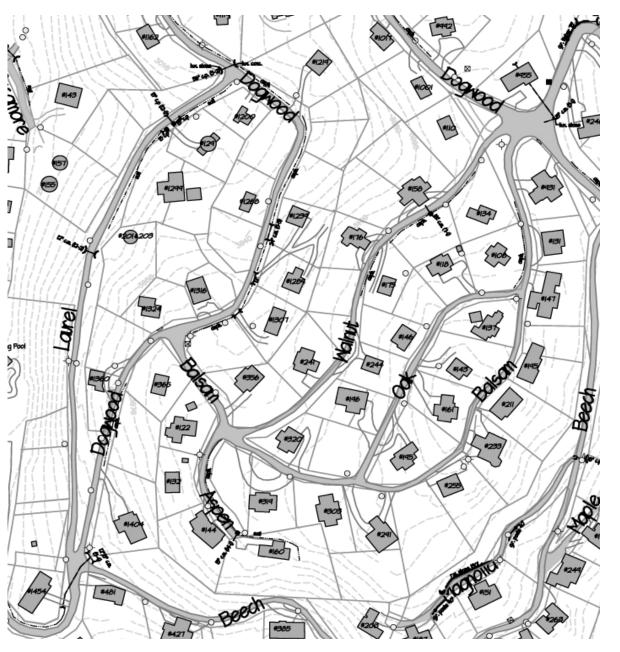
Owner	House #
Barnett, P.	129
Kirkland	201



Road Segment:	13	Oak		Roadway E	valuation Form
Sector:	dogwoo	od2		Date:	4/10/2011
EVALUATION					
Evaluation Score	3.0	Usage - 35	or calculation: %, Paving - 30% 25%, Street Elements - 10%	Remediation Code	В
Usage Paving	2	1 = "Primary", ho 3 = "Collector", so 5 = "Secondary". 1 = 50% or more 3 = 25%-50% is	nce Rating (1= greatest preavily travelled, evacuation substantially travelled, used Lightly travelled, local travelled or cracked deteriorated or cracked deteriorated or cracked, location, no settling	ed as pass-through raffic only d, substantial settling	
Drainage Street Elements	3 5	1 = no positive d 3 = adequate drai 5 = well drained, 1 = 25% or more 3 = 10%-25% of	rainage, insufficient infra inage, adequate infrastruc adequate infrastructure, e of elements are damaged elements are damaged of	d or require replacement	
USAGE) = Less than 10	70 of elements are damage	ed of require replacement	
Classification: Number of Homes:	5 8	I=prima	ry 2=collector 3=second Density (homes	•	
PAVING					
Total Length (ft):	562	Avg. Wid	th (ft):17	Total Paved Area (sq ft):	9,554
ELEMENTS					
Striping:	2	Guard Rails:	0 Retaining	g Walls 0	
DRAINAGE					
Culverts/Inlets/Pipes	N	Swales	N		
UTILITIES					
Water Line:	2	Pipe Diameter	Sanitary:	N	
Electric:		O=overhead, U=underground	Hydrants:	0 6" line 0 2"-4" line	
Notes					

Oak Date: 4/10/2011

Owner	House #
Wallace, L.	108
Collins; Orndorff	118
Cone	137
Sages	143
Duncan	146
Toussaint	161
McCrea	195
Foley	196

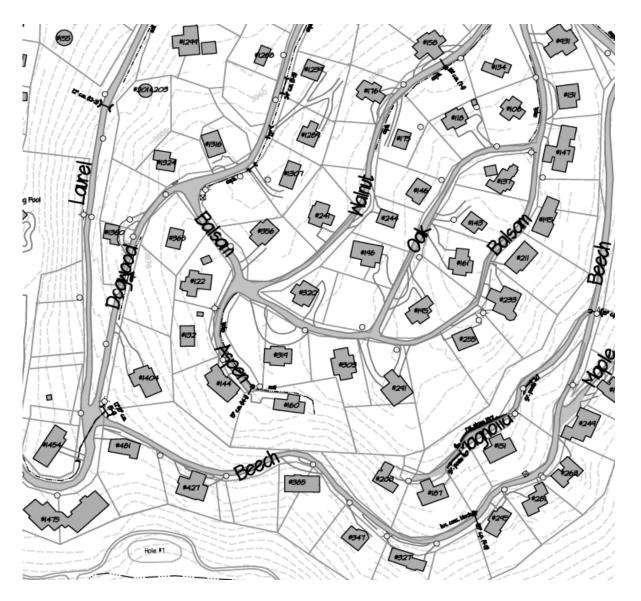


Road Segment:	14	Aspen		Roadway Evaluation Form	
Sector:	dogwo	ood2		Date:	4/10/2011
EVALUATION					
Evaluation Score	3	Formula for calculat Usage - 35%, Pavin Drainage - 25%, St	g - 30%	Remediation Code	В
			ng (1= greatest priority		
Usage	5	1 = "Primary", heavily to 3 = "Collector", substan 5 = "Secondary". Lightly	tially travelled, used as	pass-through	
Paving	3	1 = 50% or more is dete 3 = 25%-50% is deterior 5 = minor deterioration,	rated or cracked, limite	•	
Drainage	1	1 = no positive drainage, 3 = adequate drainage, a 5 = well drained, adequa	dequate infrastructure,	occasional flooding	
Street Elements	5	1 = 25% or more of elem 3 = 10%-25% of elemen 5 = Less than 10% of ele	its are damaged or requ	uire replacement	
USAGE					
Classification: Number of Homes: Facilities Served:		1=primary 2=0	collector 3=secondary Density (homes/100	Oft):1.07	
PAVING					
Total Length (ft):	280	Avg. Width (ft):		otal Paved Area (sq ft):	4,760
ELEMENTS					
Striping:	2	Guard Rails: 0	_ Retaining Wa	dls <u>0</u>	
DRAINAGE					
Culverts/Inlets/Pipes	Y	Swales Y	_		
UTILITIES					
Water Line:	2	Pipe Diameter	Sanitary: N	1	
Electric:	О	O=overhead, U=underground	Hydrants: 0		
Notes					
1. Inlet 14-1 grate only adde	ed 2008				

2. Flooding from inlet 14-1 causing severe erosion around #160, below to #385 Becch - Critical

Aspen Date: 4/10/2011

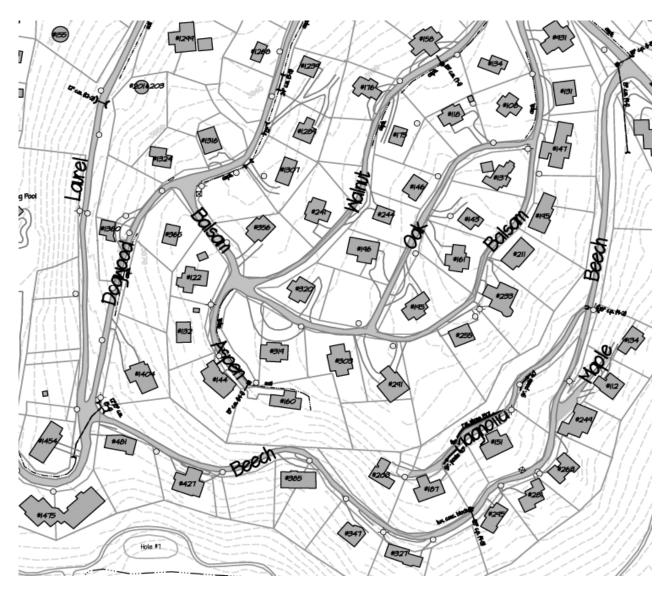
Owner	House #
Forrester	132
Forrester	144
Miller, M.	160



Road Segment:	15 Magnolia			Roadway Evaluation Form	
Sector:	dogw	ood2		Date:	4/10/2011
EVALUATION					
Evaluation Score		Formula for calculat Usage - 35%, Pavin Drainage - 25%, St	g - 30%	Remediation Code	D
		Performance Rati	ng (1= greatest priority	, 5= lowest priority)	
Usage	5	1 = "Primary", heavily tr 3 = "Collector", substant 5 = "Secondary". Lightly	tially travelled, used as	pass-through	
Paving	4	1 = 50% or more is dete 3 = 25%-50% is deterior 5 = minor deterioration,	rated or cracked, limite	•	
Drainage	3	1 = no positive drainage, 3 = adequate drainage, a 5 = well drained, adequa	dequate infrastructure, te infrastructure, mini	occasional flooding mal flooding	
Street Elements	3	1 = 25% or more of elem 3 = 10%-25% of elemen 5 = Less than 10% of ele	ts are damaged or requ	iire replacement	
USAGE					
Classification: Number of Homes: Facilities Served:		5	ollector 3=secondary Density (homes/100	ft):0.58	
PAVING					
Total Length (ft):	514	Avg. Width (ft):	16	otal Paved Area (sq ft):	8,224
ELEMENTS					
Striping:	2	Guard Rails: 40	Retaining Wa	lls 130	
DRAINAGE					
Culverts/Inlets/Pipes	N	Swales N	_		
UTILITIES					
Water Line:	2	_Pipe Diameter	Sanitary: N	<u> </u>	
Electric:	O	O=overhead, U=underground	Hydrants: 0		
Notes					

Magnolia Date: 4/10/2011

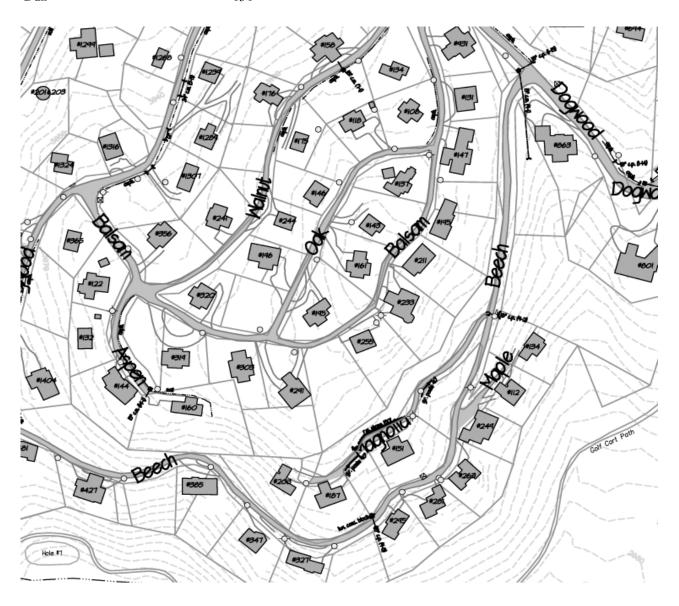
Owner	House #
Schmidt	151
Kallert	187
Smith, J.	203



Road Segment:	16	Maple		Roadway Ev	aluation Form
Sector:	dogwo	ood2		Date:	4/10/2011
EVALUATION					
Evaluation Score	4	Formula for ca Usage - 35%, I Drainage - 25!		Remediation Code	D
		Performance	Rating (1= greatest prior	ity, 5= lowest priority)	
Usage	5	3 = "Collector", sub	ily travelled, evacuation o stantially travelled, used s ghtly travelled, local traff	as pass-through	
Paving	4	3 = 25%-50% is det 5 = minor deteriorat	· ·	ited settling	
Drainage	5	3 = adequate drainaş 5 = well drained, ade	nage, insufficient infrastruge, adequate infrastructur equate infrastructure, mi	re, occasional flooding nimal flooding	
Street Elements	5	3 = 10%-25% of ele	elements are damaged or ments are damaged or re f elements are damaged	equire replacement	
USAGE					
Classification: Number of Homes: Facilities Served:		5	2=collector 3=secondary Density (homes/10		
PAVING					
Total Length (ft):	159	Avg. Width	(ft): <u>17</u>	Total Paved Area (sq ft):	2,703
ELEMENTS					
Striping:	0	Guard Rails:	0 Retaining W	Valls 0	
DRAINAGE					
Culverts/Inlets/Pipes	N	Swales	N		
UTILITIES					
Water Line:	2	_Pipe Diameter	Sanitary:	N	
Electric:	О	O=overhead, U=underground	Hydrants:	0 0 "line 2"-4" line	
Notes					

Maple Date: 4/10/2011

Owner	House #
McDougall	112
Dull	134



Road Segment:	17 Hickory			Roadway Evaluation Fo	
Sector:	Hicko	ory		Date:	4/10/2011
EVALUATION				_	
Evaluation Score	2	Pormula for calcu Usage - 35%, Pat Drainage - 25%,		Remediation Code	В
		Performance Ra	ating (1= greatest priorit	y, 5= lowest priority)	
Usage	1	3 = "Collector", substa	travelled, evacuation or antially travelled, used as tly travelled, local traffic	s pass-through	
Paving	3		eteriorated or cracked, su iorated or cracked, limit n, no settling	•	
Drainage	3	3 = adequate drainage,	ge, insufficient infrastruc , adequate infrastructure uate infrastructure, min	e, occasional flooding	
Street Elements	2	3 = 10%-25% of elem	ements are damaged or ents are damaged or req elements are damaged or	uire replacement	
USAGE					
Classification: Number of Homes: Facilities Served:	4	1	=collector 3=secondary Density (homes/100	0ft): 0.47	
PAVING					
Total Length (ft):	10196	Avg. Width (f	t):T	Cotal Paved Area (sq ft):	203,920
ELEMENTS					
Striping:	2,3	Guard Rails: 900	Retaining W	alls 0	
DRAINAGE					
Culverts/Inlets/Pipes	Y	Swales Y			
UTILITIES					
Water Line:	6	Pipe Diameter	Sanitary:	<u>Y</u>	
Electric:	О	O=overhead, U=underground		8 7 line 2"-4" line	
Notes					
1. Inlet 17-8 replaced 2007					
2. Inlet 17-2 is a hazard to o	driving -	Critical			

Hickory **Date:** 4/10/2011

Owner	House #	
Epperson	246	
Poole, G.	258	
Ellis, J.	694	
Brady, C.	822	1
Walsh	874	S
Lovern, R.	877	and a
Strom	931	4
Peete	959	
Settle	1149	
Elliott	1202	1
Holton	1236	* 1
Coston	1264	1
Finnegan	1292	18
Thomas; Cisne; Morton	1332	H.
Sutton	1440	
Upchurch, R.	1452	
Hanley	1707	
James, R.	1730	1
Casey	1736	
Zimmerman, R.	1777	- 9
Ables	1802	-
Andrews, J.	1860	X
Wolfson	1861	
Kelly, D.	1911	1
Newman, J.	1927	
Robinette	1992	83
Singer	2001	
Denison	2031	
Shaver	2039	
Greene, D.	2133	
Jones, K.	2382	
Fisher	2393	
Eisenberg	2411	
Elster	2446	
Finkel	2450	
Reece	2457	
Kovalcin	2508	
Gaither	2575	
Orr	2624	
Mayer	2683	
Lacy	2736	
Thompson, M.	2776	
Davis, M.	2810	
Smith, R.	2815	

Road Segment:	18 Locust			Roadway Evaluation For		
Sector:	Hicko	ory		Date:	4/10/2011	
EVALUATION						
Evaluation Score	4.		calculation: 6, Paving - 30% 25%, Street Elements - 10%	Remediation Code	D	
Usage Paving	5	1 = "Primary", hea 3 = "Collector", su 5 = "Secondary". I 1 = 50% or more is 3 = 25%-50% is d	the Rating (1= greatest prion avily travelled, evacuation abstantially travelled, used Lightly travelled, local traffits deteriorated or cracked, line action, no settling	or service route l as pass-through fic only substantial settling		
Drainage Street Elements	5	5 = well drained, adequate infrastructure, minimal flooding 1 = 25% or more of elements are damaged or require replacement				
USAGE			or cromonic are aminaged	or require replacement		
Classification: Number of Homes:	0	5	y 2=collector 3=secondar Density (homes/1	•		
PAVING						
Total Length (ft):	278	Avg. Widtl	h (ft): 17	Total Paved Area (sq ft):	4,726	
ELEMENTS						
Striping:	2	Guard Rails:	0 Retaining	Walls 0		
DRAINAGE						
Culverts/Inlets/Pipes	Y	Swales _	Y			
UTILITIES						
Water Line:	2	_Pipe Diameter	Sanitary:	N		
Electric:	О	_O=overhead, U=underground	Hydrants:	0 5" line 2"-4" line		
Notes						

Locust Date: 4/10/2011

Owner	House #	
Kinken; Stokes, D.	130	
Black, J.	150	



Road Segment:	19 Hawthorn		Roadway Evaluation Form	
Sector:	Hicko	ory	Date: 4/10/2011	
EVALUATION			-	
Evaluation Score	4	Formula for calculation: Usage - 35%, Paving - 30% Drainage - 25%, Street Elemen	Remediation Code D	
		Performance Rating (1= g	reatest priority, 5= lowest priority)	
Usage	5	1 = "Primary", heavily travelled, 3 = "Collector", substantially tra 5 = "Secondary". Lightly travelle	velled, used as pass-through	
Paving	4	1 = 50% or more is deteriorated 3 = 25%-50% is deteriorated or 5 = minor deterioration, no settl	cracked, limited settling	
Drainage	3	3 = adequate drainage, adequate 5 = well drained, adequate infras	e e e e e e e e e e e e e e e e e e e	
Street Elements	5	3 = 10%-25% of elements are da	e damaged or require replacement umaged or require replacement re damaged or require replacement	
USAGE				
Classification: Number of Homes: Facilities Served:		5	3=secondary y (homes/100ft): 0.73	
PAVING				
Total Length (ft):	547	Avg. Width (ft):17	Total Paved Area (sq ft): 9,299	
ELEMENTS				
Striping:	2	Guard Rails: 0	Retaining Walls 0	
DRAINAGE				
Culverts/Inlets/Pipes	N	Swales Y		
UTILITIES				
Water Line:	2	Pipe Diameter	Sanitary: N	
Electric:	О	O=overhead, Hy U=underground	ydrants: 0 0 0 0 0 0 0 0 0 0	
Notes				

Hawthorn Date: 4/10/2011

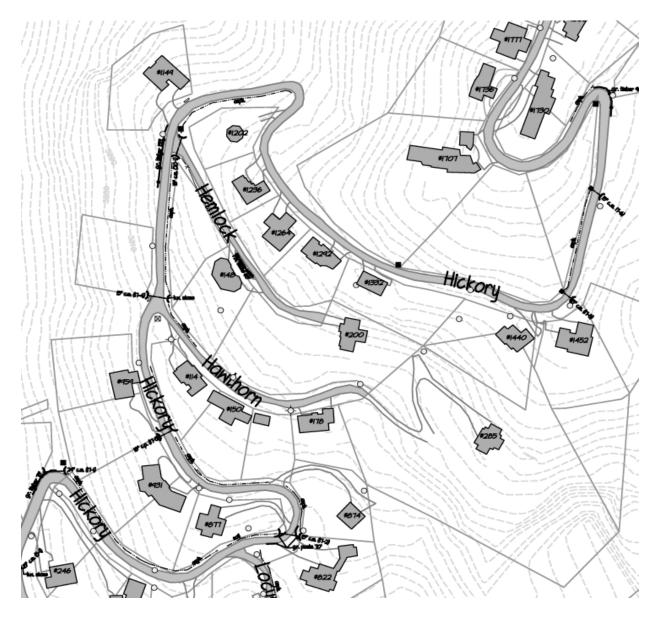
Owner	House #
Yergey	114
Jones, R. Van Beuren	150
Van Beuren	178
Adair	285



Road Segment:	20 Hemlock			Roadway Evaluation Forn			
Sector:	Hicko	ory		Date:	4/10/2011		
EVALUATION							
Evaluation Score	3.	Formula for calculatic Usage - 35%, Paving Drainage - 25%, Stre	- 30%	Remediation Code	В		
		Performance Ratin	g (1= greatest priority,	5= lowest priority)			
Usage	5	1 = "Primary", heavily tra 3 = "Collector", substanti 5 = "Secondary". Lightly	ally travelled, used as p	oass-through			
Paving	2	1 = 50% or more is deteriorated or cracked, substantial settling 3 = 25%-50% is deteriorated or cracked, limited settling 5 = minor deterioration, no settling					
Drainage	2	1 = no positive drainage, insufficient infrastructure, regular flooding;					
Street Elements	4	1 = 25% or more of elem- 3 = 10%-25% of element 5 = Less than 10% of eler	s are damaged or requi	re replacement			
USAGE							
Classification: Number of Homes: Facilities Served:		_	llector 3=secondary Density (homes/100ft	t): 0.42			
PAVING							
Total Length (ft):	474	Avg. Width (ft):		tal Paved Area (sq ft):	8,058		
ELEMENTS							
Striping:	2	Guard Rails: 0	Retaining Wall	s <u>65</u>			
DRAINAGE							
Culverts/Inlets/Pipes	Y	Swales N					
UTILITIES							
Water Line:	2	_Pipe Diameter	Sanitary: N	_			
Electric:	U	O=overhead, U=underground	Hydrants: 0	0 2"-4" line			
Notes							
1. Drainage ssue at #148							

Hemlock Date: 4/10/2011

Owner	House #	
Cashion	148	
Spach; Strawsburg	200	



Road Segment:	21	Sourwood	Roadway Evalua	ation Form
Sector:	Hicko	ory	Date:	4/10/2011
EVALUATION				
Evaluation Score	4.	Formula for calculation: Usage - 35%, Paving - 30% Drainage - 25%, Street Element	Remediation Code	C/D
		Performance Rating (1= gr	eatest priority, 5= lowest priority)	
Usage	5	1 = "Primary", heavily travelled, e 3 = "Collector", substantially travelled 5 = "Secondary". Lightly travelled	elled, used as pass-through l, local traffic only	
Paving	3	1 = 50% or more is deteriorated or 3 = 25%-50% is deteriorated or c 5 = minor deterioration, no settlin	racked, limited settling ng	
Drainage	4	3 = adequate drainage, adequate in 5 = well drained, adequate infrastr	ructure, minimal flooding	
Street Elements	5	1 = 25% or more of elements are 3 = 10%-25% of elements are dar 5 = Less than 10% of elements are	naged or require replacement	
USAGE				
Classification: Number of Homes: Facilities Served:		5 1=primary 2=collector 3 2 Density	3=secondary (homes/100ft): 0.65	
PAVING				
Total Length (ft):	307	Avg. Width (ft):16	Total Paved Area (sq ft):	4,912
ELEMENTS				
Striping:	0	Guard Rails: 0	Retaining Walls0	
DRAINAGE				
Culverts/Inlets/Pipes	N	Swales N		
UTILITIES				
Water Line:	4	_ Pipe Diameter Sa	anitary: N	
Electric:	U	O=overhead, Hy o U=underground	drants: 0 0 0 2"-4" line	
Notes				

Sourwood Date: 4/10/2011

Owner	House #
Dryfuss	119
Phelps	255



Road Segment:	22	Juniper (gravel)		Roadway Ev	aluation Form
Sector:	Hicko	ory		Date:	4/10/2011
EVALUATION					
Evaluation Score		Formula for calcula Usage - 35%, Pavin Drainage - 25%, St		Remediation Code	D
		Performance Rati	ng (1= greatest priorit	y, 5= lowest priority)	
Usage	5	1 = "Primary", heavily to 3 = "Collector", substan 5 = "Secondary". Lightly	tially travelled, used as r travelled, local traffic	pass-through only	
Paving	5	1 = 50% or more is dete 3 = 25%-50% is deterio 5 = minor deterioration,	rated or cracked, limito no settling	ed settling	
Drainage	5	1 = no positive drainage 3 = adequate drainage, a 5 = well drained, adequa	dequate infrastructure, te infrastructure, mini	, occasional flooding	
Street Elements	5	1 = 25% or more of eler 3 = 10%-25% of element 5 = Less than 10% of electric	its are damaged or requ	uire replacement	
USAGE					
Classification: Number of Homes: Facilities Served:	0	5	ollector 3=secondary Density (homes/100	Oft): 1.32	
PAVING					
Total Length (ft):	76	Avg. Width (ft):		otal Paved Area (sq ft):	1,520
ELEMENTS					
Striping:	0	Guard Rails: 0	Retaining Wa	alls0	
DRAINAGE					
Culverts/Inlets/Pipes	N	Swales Y	_		
UTILITIES					
Water Line:	4	_ Pipe Diameter	Sanitary: N	1	
Electric:	О	O=overhead, U=underground	Hydrants: 6" l		
Notes					

Juniper (gravel) Date: 4/10/2011

Owner House #
Epstein 110



Road Segment:	23	Sandalwood		Roadway Ev	aluation Form
Sector:	Hicko	ory		Date:	4/10/2011
EVALUATION					
Evaluation Score	3.	Formula for calculation Usage - 35%, Paving Drainage - 25%, Stre	- 30%	Remediation Code	C/D
		Performance Ratin	ng (1= greatest priority,	5= lowest priority)	
Usage	5	1 = "Primary", heavily tra 3 = "Collector", substanti 5 = "Secondary". Lightly	ally travelled, used as p	ass-through	
Paving	3	1 = 50% or more is deterior 3 = 25%-50% is deterior 5 = minor deterioration, i	ated or cracked, limited	•	
Drainage	4	1 = no positive drainage,3 = adequate drainage, ad5 = well drained, adequat	equate infrastructure, o	ccasional flooding	
Street Elements	3	1 = 25% or more of elem 3 = 10%-25% of element 5 = Less than 10% of eler	s are damaged or requir	e replacement	
USAGE					
Classification: Number of Homes: Facilities Served:		5	llector 3=secondary Density (homes/100ft)):0.41	
PAVING					
Total Length (ft):	729	Avg. Width (ft):	18 Tot	al Paved Area (sq ft):	13,122
ELEMENTS					
Striping:	2	Guard Rails: 0	Retaining Walls	0	
DRAINAGE					
Culverts/Inlets/Pipes	Y	Swales Y			
UTILITIES					
Water Line:	6	_ Pipe Diameter	Sanitary: N	<u> </u>	
Electric:	О	O=overhead, U=underground	Hydrants: 0 6" lin	e 1 2"-4" line	
Notes					
1. Inlet 23-1 Replaced 2009					

Sandalwood Date: 4/10/2011

Owner	House #
Wilson	176
Kleinman	204
Mason	238



Road Segment:	24	Linden		Roadway Ev	aluation Form
Sector:	Hicko	ory		Date:	4/10/2011
EVALUATION					
Evaluation Score		Formula for ca Usage - 35%, 2 Drainage - 25		Remediation Code	E
		Performance	Rating (1= greatest prior	ity, 5= lowest priority)	
Usage	5	3 = "Collector", sub 5 = "Secondary". Lig	ily travelled, evacuation o stantially travelled, used s ghtly travelled, local traff	as pass-through ic only	
Paving	5	3 = 25%-50% is det 5 = minor deteriorat	-	ited settling	
Drainage	5	3 = adequate draina 5 = well drained, ade	nage, insufficient infrastru ge, adequate infrastructur equate infrastructure, mi	re, occasional flooding nimal flooding	
Street Elements	5	3 = 10%-25% of ele	elements are damaged or ments are damaged or re of elements are damaged	equire replacement	
USAGE					
Classification: Number of Homes: Facilities Served:	0	5	2=collector 3=secondary Density (homes/10		
PAVING					
Total Length (ft):	539	Avg. Width	(ft):20	Total Paved Area (sq ft):	10,780
ELEMENTS					
Striping:	0	Guard Rails:	0 Retaining W	Valls 0	
DRAINAGE					
Culverts/Inlets/Pipes	N	Swales	<u>N</u>		
UTILITIES					
Water Line:	?	Pipe Diameter	Sanitary:	N	
Electric:	U	_O=overhead, U=underground	Hydrants:	0 0 " line 2"-4" line	
Notes					

Linden Date: 4/10/2011

Owner House #
Abrams 202

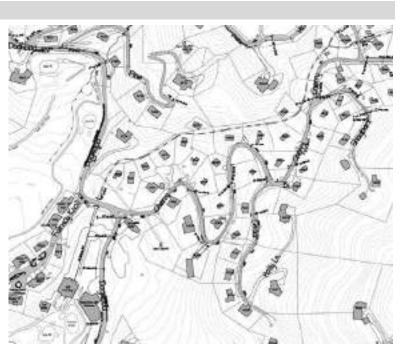


Road Segment:	25A	Cherry: Dogwood to	o Hickory	Roadway Ev	aluation Form
Sector:	Cherry	ī		Date:	4/10/2011
EVALUATION					
Evaluation Score	3.	Formula for calculatio Usage - 35%, Paving Drainage - 25%, Stree	- 30%	Remediation Code	D
		Performance Rating	g (1= greatest priority,	5= lowest priority)	
Usage	1	1 = "Primary", heavily tra 3 = "Collector", substantia 5 = "Secondary". Lightly t	ally travelled, used as petravelled, local traffic of	ass-through nly	
Paving	5	1 = 50% or more is deteriora 3 = 25%-50% is deteriora 5 = minor deterioration, n	ted or cracked, limited no settling	settling	
Drainage	5	1 = no positive drainage, i 3 = adequate drainage, add 5 = well drained, adequate	equate infrastructure, o e infrastructure, minim	occasional flooding al flooding	
Street Elements	4	1 = 25% or more of elements 3 = 10%-25% of elements 5 = Less than 10% of elem	s are damaged or requir	re replacement	
USAGE					
Classification: Number of Homes: Facilities Served:	0	1 0	llector 3=secondary Density (homes/100ft):0.81	
PAVING					
Total Length (ft):	3578	Avg. Width (ft):		al Paved Area (sq ft):	66,193
ELEMENTS					
Striping:	2	Guard Rails: 0	Retaining Walls	s <u>0</u>	
DRAINAGE					
Culverts/Inlets/Pipes	Y	Swales Y			
UTILITIES					
Water Line:	2	Pipe Diameter	Sanitary: Y	_	
Electric:	О	O=overhead, U=underground	Hydrants: 0 6" lin	1 2"-4" line	
Notes					
1. Guardrail at Cedar in dis	repair - C	Critical			

- 2. Paving, drainage (25A-1-8) & striping replaced in 2009

Cherry: Dogwood to Hickory

Owner	House #
Johnson, A.	120
Taylor, C.	137
Pawley	156
Wilcox, J.	163
Hannah	165
Williams, M.E.	173
Sczudlo	175
Love	183
Mashburn	208
Mashburn	208-2
Eisenberg, D.	233
Quincy	243
Bank of America	244
Childress; Page	263
Graves	268
Barns, W.	316
Towery	335
Neal	355
Bowen, B.	369
Pace, T.	429
Lyman	436
Ellis	462
Robau	488
Tingle	512
Tuttle	515
Nicholson	523
Gee	529
Blickle	559
Bowman	570



4/10/2011

Date:

Road Segment:	25B	Cherry: Hickor	ry to end	Roadway I	Evaluation Form
Sector:	Cherr	у		Date	e: 4/10/2011
EVALUATION					
Evaluation Score	-	Formula for ca Usage - 35%, . Drainage - 25		Remediation Code	E
		Performance	Rating (1= greatest price	ority, 5= lowest priority)	
Usage	5	3 = "Collector", sub	ily travelled, evacuation ostantially travelled, used ghtly travelled, local tra	d as pass-through	
Paving	5		deteriorated or cracked teriorated or cracked, lin tion, no settling	•	
Drainage	5	3 = adequate draina		tructure, regular flooding; ure, occasional flooding ninimal flooding	
Street Elements	5	3 = 10%-25% of ele	felements are damaged ements are damaged or of elements are damaged	= =	
USAGE					
Classification: Number of Homes: Facilities Served:		5	2=collector 3=seconda Density (homes/		_
PAVING					
Total Length (ft):	777	Avg. Width	(ft): <u>19</u>	Total Paved Area (sq ft)): 14,375
ELEMENTS					
Striping:	2	Guard Rails:	0 Retaining	Walls 0	
DRAINAGE					
Culverts/Inlets/Pipes	Y	Swales	Y		
UTILITIES					
Water Line:	2	_Pipe Diameter	Sanitary: _	Y	
Electric:	0	O=overhead, U=underground	Hydrants:	0 6" line 0 2"-4" line	<u>e</u>
Notes					
1. Paving, drainage (25B-1-	6) & stri	ping replaced in 2009)		

Owner	House #
Teeter; Miller, E.	614
Stephens	640
Coffman	645
Butler, L.	663
Hines, R.	700
Elledge	757



Road Segment:	26	Pecan		Roadway Ev	aluation Form
Sector:	Cherr	y		Date:	4/10/2011
EVALUATION					
Evaluation Score	3	.9 Usage - 35	r calculation: %, Paving - 30% 25%, Street Elements - 10%	Remediation Code	В
		Performan	ce Rating (1= greatest prio	rity, 5= lowest priority)	
Usage	5	3 = "Collector", s 5 = "Secondary".	eavily travelled, evacuation substantially travelled, used Lightly travelled, local traf	l as pass-through ffic only	
Paving	3	3 = 25%-50% is 6 5 = minor deterio	is deteriorated or cracked, deteriorated or cracked, lin oration, no settling	nited settling	
Drainage	3	3 = adequate drai 5 = well drained,	rainage, insufficient infrast nage, adequate infrastructu adequate infrastructure, m	ire, occasional flooding	
Street Elements	5	3 = 10%-25% of	of elements are damaged of elements are damaged or r % of elements are damaged	equire replacement	
USAGE					
Classification: Number of Homes: Facilities Served:		5	ry 2=collector 3=secondar Density (homes/)	•	
PAVING					
Total Length (ft):	113	Avg. Wid	th (ft):18	Total Paved Area (sq ft):	2,034
ELEMENTS					
Striping:	0	Guard Rails:	0 Retaining	Walls 0	
DRAINAGE					
Culverts/Inlets/Pipes	Y	Swales	N		
UTILITIES					
Water Line:	2	Pipe Diameter	Sanitary:	Y	
Electric:	0	O=overhead, U=underground	Hydrants:	0 0 5" line 2"-4" line	
Notes					

Pecan Date: 4/10/2011

Owner	House #
McGuiness	118
Schmelzer	119
Muth	121



Road Segment:	27	Shagbark		Roadway Ev	aluation Form
Sector:	Cherr	у		Date:	4/10/2011
EVALUATION				_	
Evaluation Score	3.	Formula for calculate Usage - 35%, Paving Drainage - 25%, Str	g - 30%	Remediation Code	A/B
		Performance Ratio	ng (1= greatest priority	, 5= lowest priority)	
Usage	5	1 = "Primary", heavily tr 3 = "Collector", substant 5 = "Secondary". Lightly	rially travelled, used as travelled, local traffic	pass-through only	
Paving	1	1 = 50% or more is deter 3 = 25%-50% is deterior 5 = minor deterioration,	rated or cracked, limite	•	
Drainage	4	1 = no positive drainage,3 = adequate drainage, ac5 = well drained, adequate	dequate infrastructure, te infrastructure, minir	occasional flooding mal flooding	
Street Elements	2	1 = 25% or more of elem 3 = 10%-25% of elemen 5 = Less than 10% of ele	ts are damaged or requ	ire replacement	
USAGE					
Classification: Number of Homes: Facilities Served:		5	ollector 3=secondary Density (homes/1006)	ft):1.05	
PAVING					
Total Length (ft):	668	Avg. Width (ft):		otal Paved Area (sq ft):	11,356
ELEMENTS					
Striping:	2	Guard Rails: 0	Retaining Wal	lls <u>0</u>	
DRAINAGE					
Culverts/Inlets/Pipes	Y	Swales N	_		
UTILITIES					
Water Line:	2	Pipe Diameter	Sanitary: Y		
Electric:	О	O=overhead, U=underground	Hydrants: 0		
Notes					
1. Inlet 27-1, 27-2, 27-3 rer	placed 20	006			

- 1. Inlet 2/-1, 2/-2, 2/-3 replaced 2006 2. Pavement failure & settling Critical

Shagbark Date: 4/10/2011

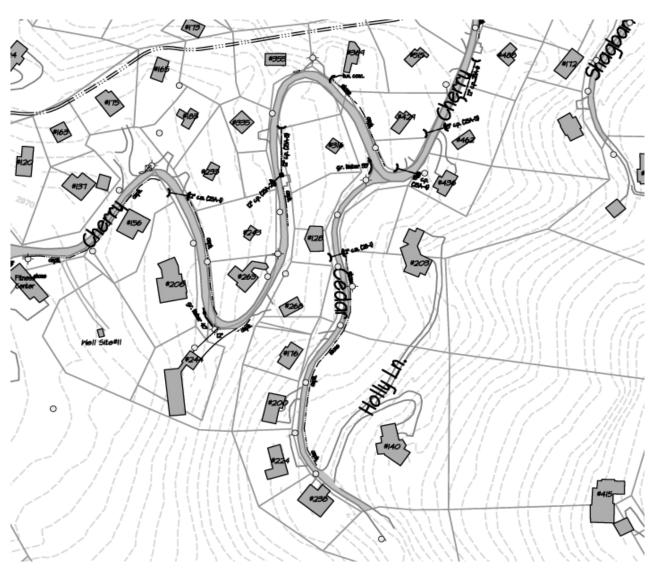
Owner	House #
LeSage Vruwink	118
Vruwink	133
Evans, R.	143
Skufca	150
Hines	172
Henderson	216
Swicegood	260



Road Segment:	28	Ceda	r		Roadway Ev	aluation Form
Sector:	Cherr	у			Date:	4/10/2011
EVALUATION						
Evaluation Score	3.	15	Formula for calculat. Usage - 35%, Pavin Drainage - 25%, Str	g - 30%	Remediation Code	В
		_ 1	Performance Rati	ng (1= greatest prior	rity, 5= lowest priority)	
Usage	5	3 = "Co 5 = "Se	ollector", substant condary". Lightly	avelled, evacuation itially travelled, used travelled, local traf	as pass-through fic only	
Paving	2	3 = 259		riorated or cracked, rated or cracked, lim no settling	•	
Drainage	2	3 = ade 5 = wel	quate drainage, a l drained, adequa	dequate infrastructu te infrastructure, mi		
Street Elements	3	3 = 109	%-25% of elemen	ts are damaged or re	r require replacement equire replacement or require replacement	
USAGE						
Classification: Number of Homes: Facilities Served:	0	5	1=primary 2=c	ollector 3=secondar Density (homes/1		
PAVING						
Total Length (ft):	820		Avg. Width (ft):	17	Total Paved Area (sq ft):	13,940
ELEMENTS						
Striping:	2	Gua	rd Rails: 0	Retaining V	Walls 0	
DRAINAGE						
Culverts/Inlets/Pipes	Y	_	Swales Y	-		
UTILITIES						
Water Line:	2	Pipe Di	iameter	Sanitary:	Y	
Electric:	О	O=over U=und	rhead, lerground	Hydrants:	0 0 "line 2"-4" line	
Notes						
-						

Cedar Date: 4/10/2011

Owner	House #
Mitchell	128
Bray	196
Pace, T.	200
Hayworth	224
Schubert	238
Johnson County Bank	274



Road Segment:	29	Chestnut		Roadway Ev	aluation Form
Sector:	Chesti	nut		Date:	4/10/2011
EVALUATION				_	
Evaluation Score	2	Formula for calculati Usage - 35%, Paving Drainage - 25%, Str.	- 30%	Remediation Code	C/D
		Performance Ratin	ng (1= greatest pri	ority, 5= lowest priority)	
Usage	1	1 = "Primary", heavily tra 3 = "Collector", substant 5 = "Secondary". Lightly	ially travelled, use	d as pass-through	
Paving	4	1 = 50% or more is deter 3 = 25%-50% is deterior. 5 = minor deterioration,	ated or cracked, li	•	
Drainage	3	1 = no positive drainage,3 = adequate drainage, ac5 = well drained, adequate	lequate infrastruc	-	
Street Elements	3	1 = 25% or more of elem 3 = 10%-25% of element 5 = Less than 10% of element	s are damaged or	require replacement	
USAGE					
Classification: Number of Homes: Facilities Served:	1	1	ollector 3=seconda Density (homes	•	
PAVING					
Total Length (ft):	3202	Avg. Width (ft):	19	Total Paved Area (sq ft):	60,838
ELEMENTS					
Striping:	2	Guard Rails: 245	Retaining	Walls 0	
DRAINAGE					
Culverts/Inlets/Pipes	Y	Swales Y			
UTILITIES					
Water Line:	2,4	Pipe Diameter	Sanitary:	N	
Electric:		O=overhead, U=underground	Hydrants:	0 6" line 3 2"-4" line	
Notes					
1. Inlet 29-1 added in 2010					

- 2. Inlet 29-3, 29-4 replaced in 2006, 2009

Chestnut **Date:** 4/10/2011

Owner	House #
Puglia	141
Bowes	188
Dixon, S.	219
Swanson	310
Huffman	346
Busby	428
Bell, E.	485
Hornberger	578
Hersh	595
Lindley	601
Haggin	624
Lackey	636



Road Segment:	30	Basswood		Roadway Ev	aluation Form
Sector:	Chest	nut		Date:	4/10/2011
EVALUATION					
Evaluation Score	4.	Formula for calculat. Usage - 35%, Paving Drainage - 25%, Str	g - 30%	Remediation Code	D
		Performance Ratio	ng (1= greatest priority	, 5= lowest priority)	
Usage	5	1 = "Primary", heavily tr 3 = "Collector", substant 5 = "Secondary". Lightly	ially travelled, used as	pass-through	
Paving	4	1 = 50% or more is deter 3 = 25%-50% is deterior 5 = minor deterioration,	ated or cracked, limite no settling	d settling	
Drainage	4	1 = no positive drainage, 3 = adequate drainage, ad 5 = well drained, adequa	dequate infrastructure, te infrastructure, mini	occasional flooding mal flooding	
Street Elements	5	1 = 25% or more of elem 3 = 10%-25% of elemen 5 = Less than 10% of ele	ts are damaged or requ	iire replacement	
USAGE					
Classification: Number of Homes: Facilities Served:		5	ollector 3=secondary Density (homes/100	ft):1.13	
PAVING					
Total Length (ft):	354	Avg. Width (ft):	18 T	otal Paved Area (sq ft):	6,372
ELEMENTS					
Striping:	2	Guard Rails: 0	Retaining Wa	lls <u>0</u>	
DRAINAGE					
Culverts/Inlets/Pipes	Y	Swales Y	_		
UTILITIES					
Water Line:	2	_Pipe Diameter	Sanitary: N	<u> </u>	
Electric:	О	O=overhead, U=underground	Hydrants: 0		
Notes					

Basswood Date: 4/10/2011

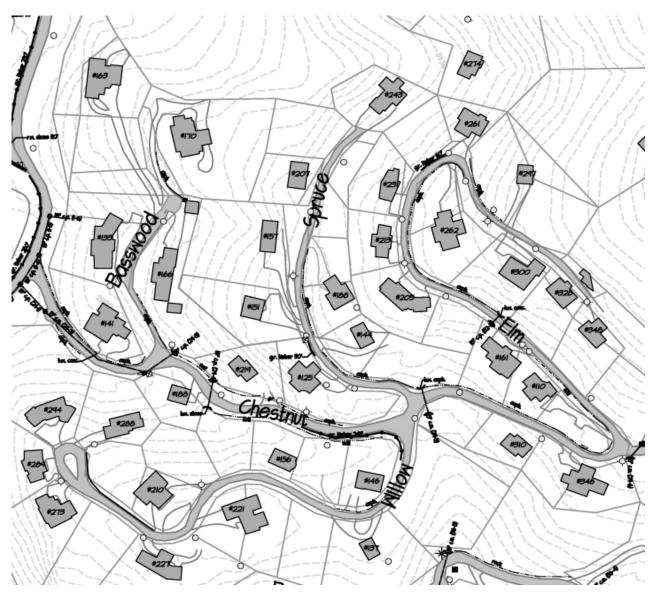
Owner	House #
Wallace; Robinson	133
Canham; Kronenfeld	163
Powell, E.	166
Hawn	170



Sector: Chestnut	Date: 4/10/2011
EVALUATION	
Evaluation Score 4.35 Formula for calculation: Usage - 35%, Paving - 30% Drainage - 25%, Street Elements - 10%	Remediation Code D
Performance Rating (1= greatest p	riority, 5= lowest priority)
Usage $1 = "Primary", heavily travelled, evacuations of the secondary of t$	sed as pass-through
Paving 1 = 50% or more is deteriorated or cracked, 3 = 25%-50% is deteriorated or cracked, 5 = minor deterioration, no settling	
Drainage 1 = no positive drainage, insufficient infraction 3 = adequate drainage, adequate infrastructure, 5 = well drained, adequate infrastructure,	acture, occasional flooding , minimal flooding
Street Elements 4 1 = 25% or more of elements are damaged of 5 = Less than 10% of elements are damaged of 5 =	or require replacement
USAGE	
Classification: 5	dary es/100ft):1.08
PAVING	
Total Length (ft): 648 Avg. Width (ft): 18	Total Paved Area (sq ft): 11,664
ELEMENTS	
Striping: 2 Guard Rails: 30 Retaining	ng Walls0
DRAINAGE	
Culverts/Inlets/Pipes N Swales Y	
UTILITIES	
Water Line: 2 Pipe Diameter Sanitary:	N
Electric: O O=overhead, Hydrants: U=underground	0 0 6" line 2"-4" line
Notes	

Spruce Date: 4/10/2011

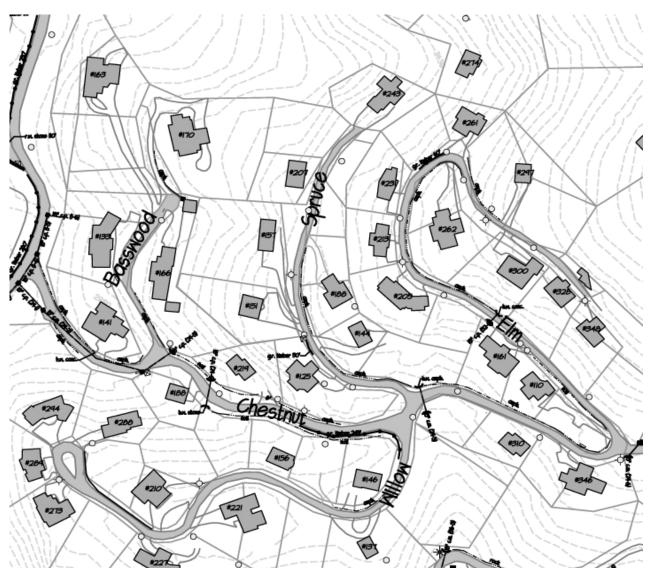
Owner	House #
Amos; Yokley; Krick	125
Rust	144
Corrigan	151
Boles	157
Smith, D.	188
Seitz	207
Spector	243



Road Segment:	32	Elm							Roadway Eva	aluation Form
Sector:	Chest	nut							Date:	4/10/2011
EVALUATION										
Evaluation Score	3	.3	Formula for Usage - 35% Drainage - 2	6, Paving		0%			ediation Code	В
Usage	5	1 = "Pr 3 = "Co	imary", hea	avily tra 1bstanti	g (1= greate velled, evac ally travelle	uation d, used	or servi	ice rout -throug	e	
Paving	2	1 = 509 $3 = 259$	% or more	is deteri leteriora	travelled, lo orated or cr ted or crack no settling	racked,	substai	ntial set	tling	
Drainage	3	1 = no 3 = ade 5 = wel	positive dra equate drair ll drained, a	ainage, 1age, ad 1dequat	insufficient equate infra e infrastruct	structu ture, m	ıre, occ inimal	asional flooding	flooding g	
Street Elements	2	3 = 109	%-25% of 6	element	ents are dan s are damag nents are da	ged or r	equire	replacen	nent	
USAGE										
Classification: Number of Homes: Facilities Served:		5 12	1=primar	•	llector 3=se Density (h		•		0.89	
PAVING										
Total Length (ft):	1346	_	Avg. Widt	h (ft):	18		Total	Paved A	area (sq ft):	24,228
ELEMENTS										
Striping:	2	- Gua	rd Rails: _	60	Reta	ining \	Walls _	0	_	
DRAINAGE										
Culverts/Inlets/Pipes	Y	_	Swales _	Y						
UTILITIES										
Water Line:	2	Pipe Di	iameter		Sanit	ary:	N			
Electric:	О	O=over U=una	rhead, lerground		Hydrai		0 6" line		0 2"-4" line	
Notes										
1. Inlet 32-1 replaced and ex	xtended	in 2007								

Elm Date: 4/10/2011

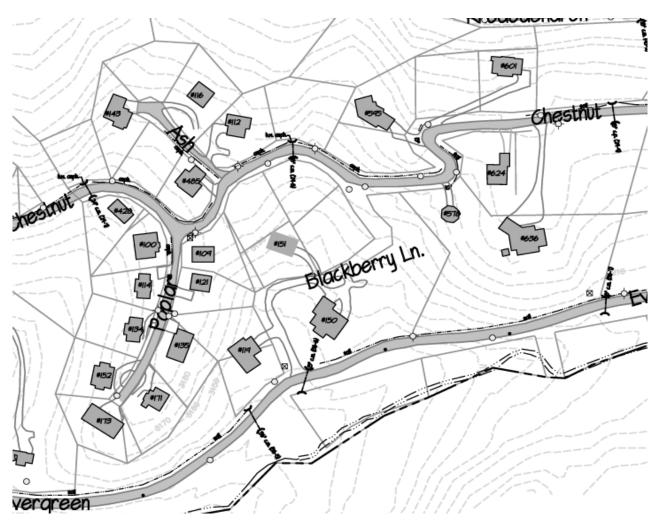
Owner	House #
Blair	100
Kelly, E.	110
Grote	161
Lanman	205
Russell, H.	213
Smith, S.E.	231
Michnoff	261
Michelson	262
Brown, J.	297
Beck	300
Hancock	328
Mayers	348



Road Segment:	33	Ash					Roadway Ev	aluation Form
Sector:	Chest	nut					Date:	4/10/2011
EVALUATION								
Evaluation Score	3	.4	Formula for ca Usage - 35%, 1 Drainage - 25	Paving - 30%		I	Remediation Code	В
		_	Performance	Rating (1=	greatest pri	ority, 5= le	owest priority)	
Usage	5	3 = "C	rimary", heav ollector", sub econdary". Liş	stantially t	ravelled, use	d as pass-t		
Paving	2	3 = 25	% or more is %-50% is det nor deteriorat	eriorated o	or cracked, li		•	
Drainage	3	3 = ado 5 = we	equate drainaș ll drained, ad	ge, adequa equate infi	te infrastruci astructure, r	ture, occas ninimal flo	•	
Street Elements	3	3 = 10	% or more of %-25% of ele ss than 10% o	ements are	damaged or	require re	•	
USAGE								
Classification: Number of Homes: Facilities Served:		5 3	1=primary		r 3=seconda sity (homes		1.44	
PAVING								
Total Length (ft):	209		Avg. Width	(ft): 17	. <u> </u>	Total Pa	wed Area (sq ft):	3,553
ELEMENTS								
Striping:	2	Gua	rd Rails:	0	Retaining	Walls	0	
DRAINAGE								
Culverts/Inlets/Pipes	N	_	Swales	N				
UTILITIES								
Water Line:	?	Pipe D	iameter)		Sanitary:	N		
Electric:	О	O=ove U=una	rhead, derground	:	Hydrants: _	0 6" line	0 2"-4" line	
Notes								

Ash Date: 4/10/2011

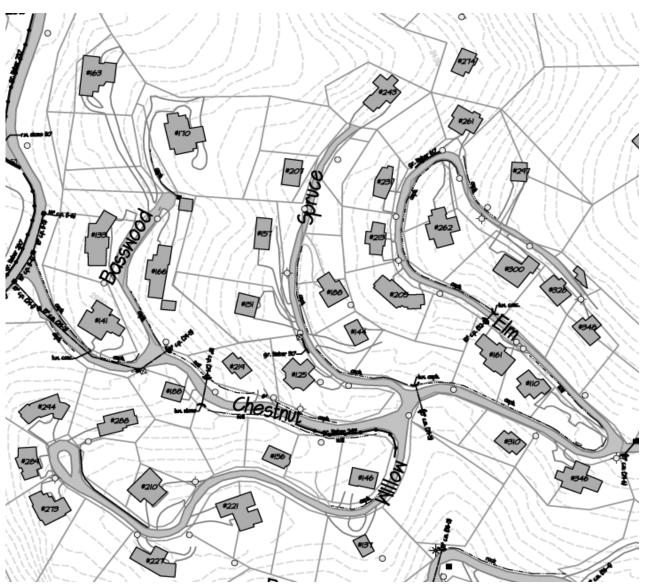
Owner	House #
Jones, F.	112
Jones, F. Webb	116
Litteljohn	143



Road Segment:	34	Willow		Roadway Eva	aluation Form
Sector:	Chest	nut		Date:	4/10/2011
EVALUATION					
Evaluation Score	3	Formula for calculation: Usage - 35%, Paving - 3 Drainage - 25%, Street		Remediation Code	C/D
		Performance Rating			
Usage	5	1 = "Primary", heavily trave 3 = "Collector", substantiall 5 = "Secondary". Lightly tra	y travelled, used as pa velled, local traffic or	ass-through nly	
Paving	3	1 = 50% or more is deterior 3 = 25%-50% is deteriorate 5 = minor deterioration, no	d or cracked, limited	=	
Drainage	3	1 = no positive drainage, ins3 = adequate drainage, adeq5 = well drained, adequate i	uate infrastructure, o nfrastructure, minima	ccasional flooding al flooding	
Street Elements	3	1 = 25% or more of elemen 3 = 10%-25% of elements a 5 = Less than 10% of eleme	re damaged or requir	e replacement	
USAGE					
Classification: Number of Homes: Facilities Served:		1=primary 2=colle D	ctor 3=secondary ensity (homes/100ft)	:0.92	
PAVING					
Total Length (ft):	1087	Avg. Width (ft):	18 Tota	al Paved Area (sq ft):	19,566
ELEMENTS					
Striping:	2	Guard Rails: 0	Retaining Walls	0	
DRAINAGE					
Culverts/Inlets/Pipes	Y	Swales Y			
UTILITIES					
Water Line:	2	_Pipe Diameter	Sanitary: N	_	
Electric:	О	_O=overhead, U=underground	Hydrants: 0 6" line	0 2"-4" line	
Notes					

Willow Date: 4/10/2011

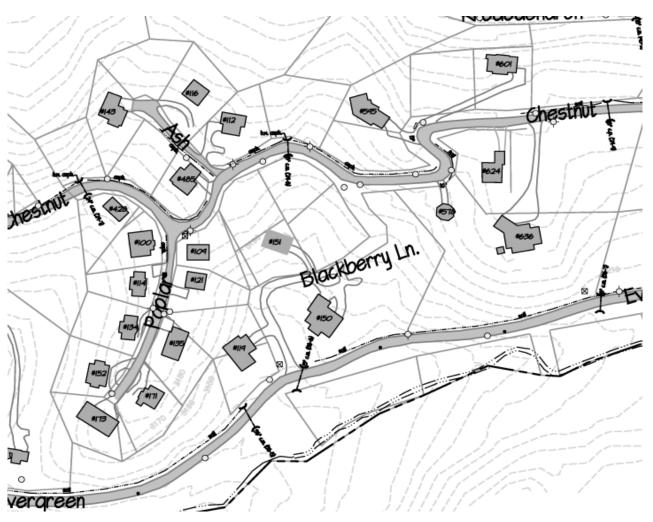
Owner	House #
Freiman	137
Jundt	146
Albright	156
Brinegar	210
Gunnells	221
Bradshaw, T.	227
Harris, C.W.	273
Kinsey	288
McCammon	289
Parker, W.H.	294



Road Segment:	35	Poplar			Roadway Ev	aluation Form
Sector:	Chest	nut			Date:	4/10/2011
EVALUATION						
Evaluation Score	4	.• 1 Usage - 35	or calculation: 5%, Paving - 30% - 25%, Street Elements -	- 10%	Remediation Code	D
		Performa	nce Rating (1= grea	atest priority, 5	= lowest priority)	
Usage	5	3 = "Collector", 5 = "Secondary".	eavily travelled, eva substantially travel . Lightly travelled,	led, used as pas local traffic on	ss-through ly	
Paving	4	3 = 25%-50% is	e is deteriorated or deteriorated or cra oration, no settling	icked, limited s		
Drainage	3	3 = adequate dra 5 = well drained,	inage, adequate inf adequate infrastru	frastructure, oc acture, minima	l flooding	
Street Elements	4	3 = 10%-25% of	e of elements are da f elements are dama % of elements are o	aged or require	replacement	
USAGE						
Classification: Number of Homes: Facilities Served:	0	5	ary 2=collector 3= Density (=secondary (homes/100ft):	2.39	
PAVING						
Total Length (ft):	376	Avg. Wic	lth (ft): 18	Total	Paved Area (sq ft):	6,768
ELEMENTS						
Striping:	2	Guard Rails:	0 Re	etaining Walls	0	
DRAINAGE						
Culverts/Inlets/Pipes	N	Swales	N			
UTILITIES						
Water Line:	N	Pipe Diameter	San	nitary: N	-	
Electric:	O	O=overhead, U=underground	Hydr	6" line	0 2"-4" line	
Notes						

Poplar Date: 4/10/2011

Owner	House #
Corlett	100
Morrison, R.	109
Kincaid, B.	114
Jarrett; Jarrett	121
Wallace, J.	134
Barnhill	135
Stokes	152
Shelburn	171
Bohn	173



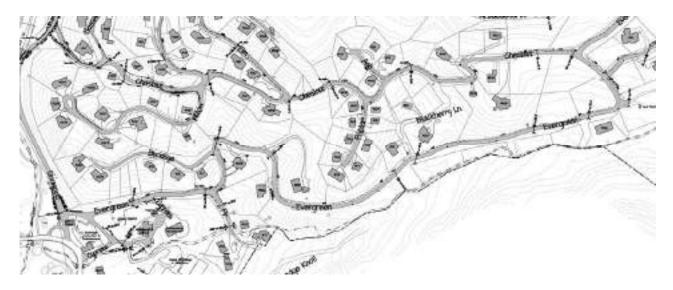
Road Segment:	36	Evergreen:Dogwo	od to Chestnut	Roadway Ev	valuation Form
Sector:	Everg	reen1		Date:	4/10/2011
EVALUATION					
Evaluation Score	2	Formula for calcula Usage - 35%, Pavi Drainage - 25%, S		Remediation Code	B/C
		Performance Rat	ing (1= greatest priority	5= lowest priority)	
Usage	1	3 = "Collector", substar 5 = "Secondary". Lightle	ravelled, evacuation or s ntially travelled, used as p y travelled, local traffic o	oass-through only	
Paving	3		eriorated or cracked, sub orated or cracked, limited , no settling	•	
Drainage	3	3 = adequate drainage,	e, insufficient infrastruct adequate infrastructure, ate infrastructure, minin	occasional flooding	
Street Elements	4	3 = 10%-25% of eleme	ments are damaged or requ nts are damaged or requ ements are damaged or r	ire replacement	
USAGE					
Classification: Number of Homes: Facilities Served:		1	collector 3=secondary Density (homes/100f	t): 0.08	
PAVING					
Total Length (ft):	3792	Avg. Width (ft)	: To	tal Paved Area (sq ft):	75,840
ELEMENTS					
Striping:	2,3	Guard Rails: 35	Retaining Wal	ls 0	
DRAINAGE					
Culverts/Inlets/Pipes	Y	Swales Y	_		
UTILITIES					
Water Line:	6	Pipe Diameter	Sanitary: N	_	
Electric:	О	O=overhead, U=underground	Hydrants: $\frac{1}{6" \text{ lin}}$	3 2"-4" line	
Notes					
1. Inlet 36-2, 36-8 replaced	$in\ 2006$				

Evergreen:Dogwood to Chestnut

Owner	House #
Hinson	278
Thompson, A.	355
Falls	382

4/10/2011

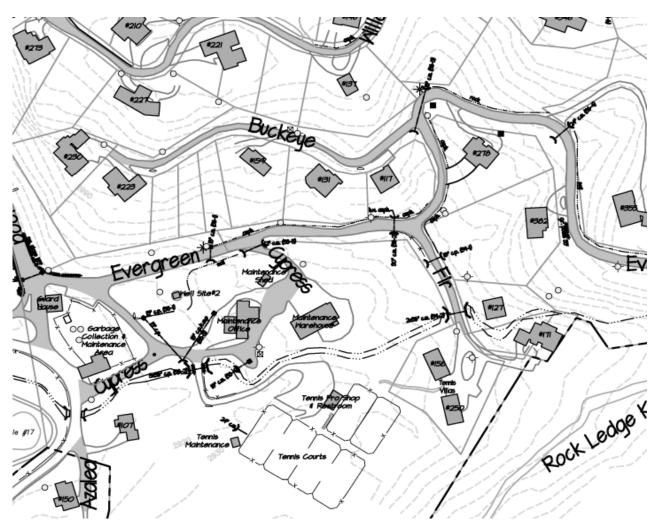
Date:



Road Segment:	37	Buckeye		Roadway Ev	aluation Form
Sector:	Everg	reen1		Date:	4/10/2011
EVALUATION					
Evaluation Score	3.	95 Formula for calc Usage - 35%, Pa Drainage - 25%		Remediation Code	C/D
Usage Paving	5	1 = "Primary", heavily 3 = "Collector", subst 5 = "Secondary". Ligh 1 = 50% or more is d 3 = 25%-50% is deter	tating (1= greatest priority travelled, evacuation of antially travelled, used a ntly travelled, local traffic eteriorated or cracked, suriorated or cracked, limit	r service route s pass-through c only ubstantial settling	
Drainage Street Elements	3	3 = adequate drainage 5 = well drained, adec 1 = 25% or more of e 3 = 10%-25% of elen	on, no settling age, insufficient infrastruce, adequate infrastructure, min lements are damaged or requests are damaged or requested are damaged or requested are damaged or requests are damaged or r	e, occasional flooding imal flooding require replacement juire replacement	
USAGE			cicinents are damaged o	r require replacement	
Classification: Number of Homes:		5	2=collector 3=secondary Density (homes/10	0ft): 0.74	
PAVING					
Total Length (ft):	675	Avg. Width (ft): <u>17</u>	Total Paved Area (sq ft):	11,475
ELEMENTS					
Striping:	2	Guard Rails: 0	Retaining W	alls 0	
DRAINAGE					
Culverts/Inlets/Pipes	N	Swales Y			
UTILITIES					
Water Line:	2	Pipe Diameter	Sanitary:	N	
Electric:	О	_ O=overhead, U=underground		0 1 line 2"-4" line	
Notes					

Buckeye Date: 4/10/2011

Owner	House #
Coffelt	117
Donaldson	131
Carter, R.	159
Davis, E.	223
Smith, S.	230

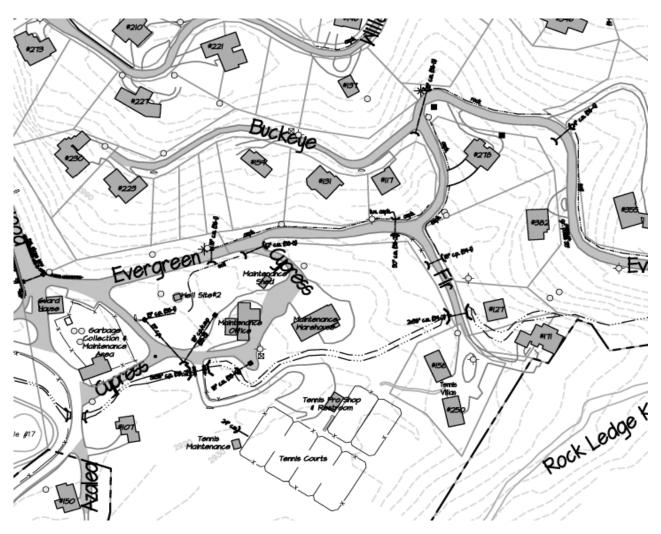


Road Segment:	38	Cypress		Roadway Eva	luation Form
Sector:	Everg	reen1		Date:	4/10/2011
EVALUATION					
Evaluation Score	3.	Formula for calcula Usage - 35%, Pavi, Drainage - 25%, S		Remediation Code	D
Usage	3	Performance Rat 1 = "Primary", heavily t 3 = "Collector", substant 5 = "Secondary". Lightle	ntially travelled, used as	service route pass-through	
Paving	5	1 = 50% or more is determined at 25%-50% is deterior 5 = minor deterioration	orated or cracked, limite		
Drainage	4	3 = adequate drainage, a 5 = well drained, adequa	ate infrastructure, minir	occasional flooding nal flooding	
Street Elements	3	1 = 25% or more of elements 3 = 10%-25% of elements 5 = Less than 10% of elements 5		ire replacement	
USAGE					
Classification: Number of Homes: Facilities Served:		6	collector 3=secondary Density (homes/100s Γennis Courts, Property	ft): 0.90 Services, Golf Maintenar	nce
PAVING					
Total Length (ft):	669	Avg. Width (ft)	: <u>17</u> To	otal Paved Area (sq ft):	11,373
ELEMENTS					
Striping:	0	Guard Rails: 0	Retaining Wal	lls <u>0</u>	
DRAINAGE					
Culverts/Inlets/Pipes	Y	Swales N	_		
UTILITIES					
Water Line:	6	Pipe Diameter	Sanitary: Y		
Electric:	О	_O=overhead, U=underground	Hydrants: 0	1 ne 2"-4" line	
Notes					

1. Inlet 38-3 upgraded in 2005. Culvert 38-2 replaced in 2005

Cypress Date: 4/10/2011

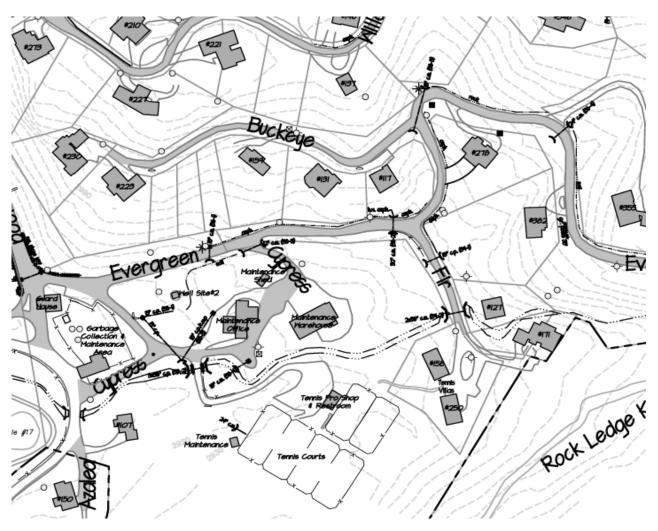
Owner	House #
Skyline Telephone	118
Firehouse	134
Tennis Courts	148
Property Services	167
Property Services	173
Golf Maintenance	198



Road Segment:	39	Fir					Roadway Ev	aluation Form
Sector:	Everg	reen1					Date:	4/10/2011
EVALUATION								
Evaluation Score	4.	75	Formula for co Usage - 35%, Drainage - 25	Paving - 30%		I	Remediation Code	D
			Performance	Rating (1=	greatest pri	ority, 5= lo	owest priority)	
Usage	5	3 = "C	rimary", heav Collector", sub econdary". Li	stantially t	ravelled, use	d as pass-tl		
Paving	5	3 = 25	% or more is %-50% is de nor deteriora	teriorated o	or cracked, li			
Drainage	4	3 = ad 5 = we	equate draina ell drained, ad	ge, adequa lequate infr	te infrastruci astructure, r	ture, occasi ninimal flo		
Street Elements	5	3 = 10	% or more of %-25% of eless than 10% of	ements are	damaged or	require rep	•	
USAGE								
Classification: Number of Homes: Facilities Served:		5	1=primary 		r 3=seconda sity (homes		1.71	
PAVING								
Total Length (ft):	351	_	Avg. Width	(ft): 18		Total Pa	ved Area (sq ft):	6,318
ELEMENTS								
Striping:	2	Gua	ırd Rails:	0	Retaining	Walls	0	
DRAINAGE								
Culverts/Inlets/Pipes	Y	_	Swales	Y				
UTILITIES								
Water Line:	2	Pipe D)iameter		Sanitary:	Y		
Electric:	О	O=ove U=une	rhead, derground]	Hydrants:	0 6" line	0 2"-4" line	
Notes								
				_	_			

Fir 4/10/2011

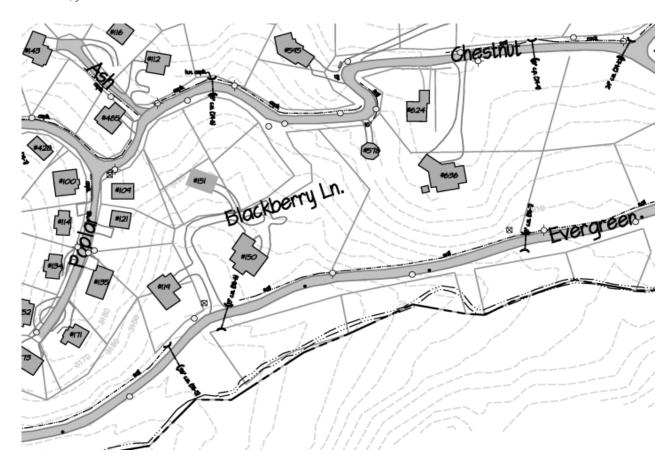
Owner	House #
Burroughs	127
B1- Haylock	158
B2- Rayle-Libbe	158
Sulzberger	171
A1- Brumley	250
A2- Deschamps	250



Road Segment:	40	Blackberry		Roadway Evaluation Fo	
Sector:	Everg	reen1		Date:	4/10/2011
EVALUATION					
Evaluation Score	N		calculation: 6, Paving - 30% 25%, Street Elements - 10%	Remediation Code	NA
		_	ce Rating (1= greatest pric		
Usage	NA	3 = "Collector", su 5 = "Secondary". I	avily travelled, evacuation abstantially travelled, usec Lightly travelled, local tra	l as pass-through ffic only	
Paving	NA		is deteriorated or cracked, leteriorated or cracked, lir ration, no settling		
Drainage	NA	3 = adequate drain 5 = well drained, a	ainage, insufficient infrast nage, adequate infrastructi ndequate infrastructure, m	ure, occasional flooding	
Street Elements	NA	$3 = 10\%-25\%$ of ϵ	of elements are damaged or i elements are damaged or i o of elements are damaged	require replacement	
USAGE					
Classification: Number of Homes: Facilities Served:		NA 1=primary	y 2=collector 3=secondar Density (homes/	•	
PAVING					
Total Length (ft):	369	Avg. Widtl	h (ft):18	Total Paved Area (sq ft):	6,642
ELEMENTS					
Striping:	0	Guard Rails:	0 Retaining	Walls 0	
DRAINAGE					
Culverts/Inlets/Pipes	Y	Swales	Y		
UTILITIES					
Water Line:	?	Pipe Diameter	Sanitary: _	Y	
Electric:	U	O=overhead, U=underground	Hydrants:	0 1 5" line 2"-4" line	
Notes					
·					

Blackberry Date: 4/10/2011

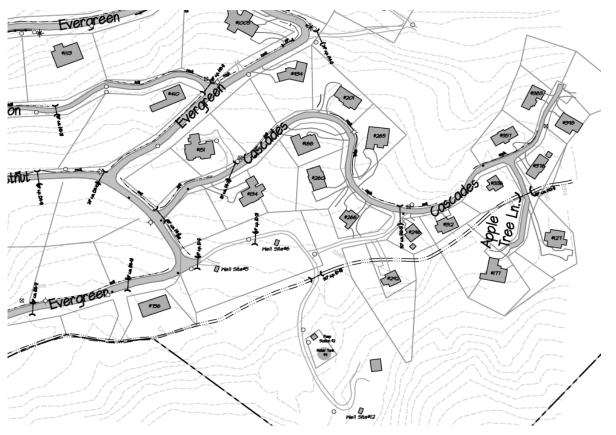
Owner	House #
Baumel	119
Neff	150
Nullman, J.	151



Road Segment:	41	Cascades		Roadway Ev	aluation Form
Sector:	Everg	reen1		Date:	4/10/2011
EVALUATION					
Evaluation Score	3	Formula for cal Usage - 35%, I Drainage - 25%		Remediation Code	B/C
		Performance l	Rating (1= greatest priori	ity, 5= lowest priority)	
Usage	5	3 = "Collector", subs 5 = "Secondary". Lig	ly travelled, evacuation o tantially travelled, used a htly travelled, local traffi	as pass-through ic only	
Paving	3	3 = 25%-50% is deteriorated	· ·	ited settling	
Drainage	3	3 = adequate drainag 5 = well drained, ade	age, insufficient infrastru e, adequate infrastructur quate infrastructure, mir	re, occasional flooding nimal flooding	
Street Elements	4	3 = 10%-25% of elements	elements are damaged or ments are damaged or rec f elements are damaged o	quire replacement	
USAGE					
Classification: Number of Homes: Facilities Served:		1=primary	2=collector 3=secondary Density (homes/10		
PAVING					
Total Length (ft):	1896	Avg. Width	(ft): <u>17</u>	Total Paved Area (sq ft):	32,232
ELEMENTS					
Striping:	2	Guard Rails:	Retaining W	7 alls 0	
DRAINAGE					
Culverts/Inlets/Pipes	Y	Swales	<u>Y</u>		
UTILITIES					
Water Line:	4	_Pipe Diameter	Sanitary:	Y	
Electric:	U	O=overhead, U=underground	Hydrants: 6"	0 3 lline 2"-4" line	
Notes					

Cascades Date: 4/10/2011

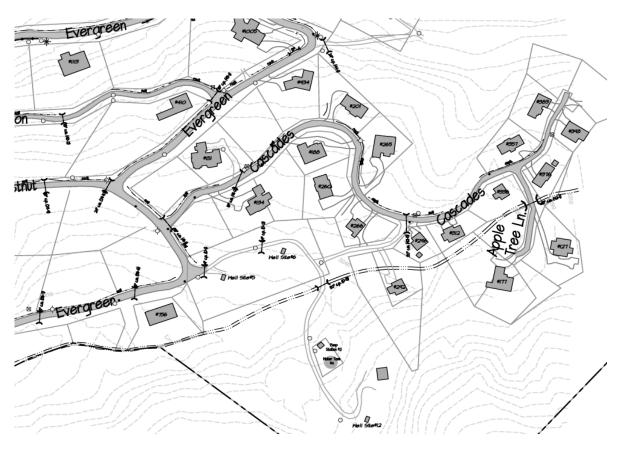
Owner	House #
Abramowski	134
Ellis, C.	151
Schoeck	188
Russell	201
Hunsucker	260
Wilson, A.	265
Parker	266
Burris	292
Lobdell	296
Zaunbrecher	312
Fuller-Marsh	336
Anderson, C.	357
Sturges	376
Crawford	383
Webster	398
Shovlain	420



Road Segment:	42	Apple Tree La	ne	Roadway Ev	aluation Form
Sector:	Everg	reen1		Date:	4/10/2011
EVALUATION					
Evaluation Score	3		calculation: , Paving - 30% 5%, Street Elements - 10%	Remediation Code	B/C
		Performance	e Rating (1= greatest prior	rity, 5= lowest priority)	
Usage	5	3 = "Collector", su 5 = "Secondary". L	vily travelled, evacuation obstantially travelled, used ightly travelled, local trafi	as pass-through fic only	
Paving	3	3 = 25%-50% is do 5 = minor deteriora	•	nited settling	
Drainage	3	3 = adequate drains 5 = well drained, ad	inage, insufficient infrastr age, adequate infrastructu dequate infrastructure, mi	re, occasional flooding	
Street Elements	5	3 = 10%-25% of el	of elements are damaged of lements are damaged or ro of elements are damaged	equire replacement	
USAGE					
Classification: Number of Homes: Facilities Served:		5	2=collector 3=secondar Density (homes/1		
PAVING					
Total Length (ft):	267	Avg. Width	n (ft):18	Total Paved Area (sq ft):	4,806
ELEMENTS					
Striping:	0	Guard Rails:	0 Retaining V	Walls 0	
DRAINAGE					
Culverts/Inlets/Pipes	Y	Swales	N		
UTILITIES					
Water Line:	2	_Pipe Diameter	Sanitary:	?	
Electric:	U	O=overhead, U=underground	Hydrants:	0 0 " line 2"-4" line	
Notes					

Apple Tree Lane Date: 4/10/2011

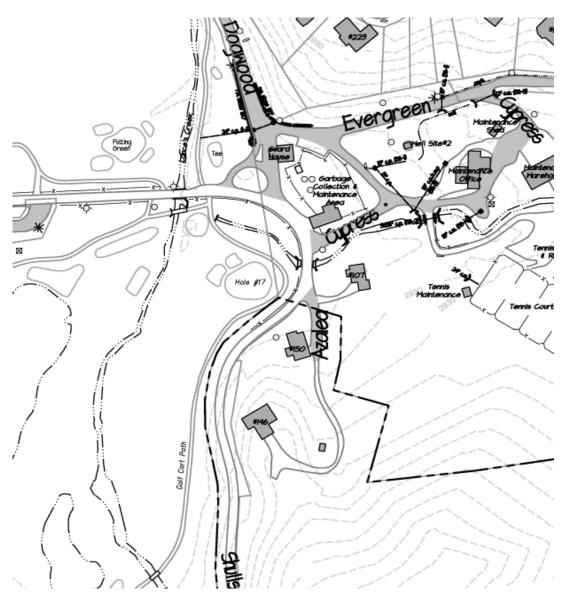
Owner	House #
Doster	127
Lazar	177



Road Segment:	43	Azalea		Roadway Evaluation Fo		aluation Form
Sector:	Everg	reen1			Date:	4/10/2011
EVALUATION						
Evaluation Score	4	Usage - 3	for calculation: 5%, Paving - 30% - 25%, Street Elements - 10		emediation Code	E
Usage	5	1 = "Primary", 1 3 = "Collector", 5 = "Secondary' 1 = 50% or more	nce Rating (1= greates neavily travelled, evacu substantially travelled '. Lightly travelled, loc re is deteriorated or cra	ation or service, used as pass-thal traffic only acked, substantia	route rough Il settling	
Paving	4	5 = minor deter 1 = no positive	s deteriorated or cracke ioration, no settling drainage, insufficient in	nfrastructure, re	gular flooding;	
Drainage Street Elements	5	5 = well drained 1 = 25% or mod 3 = 10%-25% or	ainage, adequate infras l, adequate infrastructure re of elements are damage of elements are damage 0% of elements are dan	are, minimal floo aged or require d or require rep	oding replacement lacement	
USAGE						
Classification: Number of Homes: Facilities Served:		5	ary 2=collector 3=sec Density (ho	•	4.08	
PAVING						
Total Length (ft):	147	Avg. Wi	dth (ft):18	Total Pav	red Area (sq ft):	2,646
ELEMENTS					_	
Striping:	0	Guard Rails:	0 Retai	ning Walls	0	
DRAINAGE						
Culverts/Inlets/Pipes	N	Swales	N			
UTILITIES						
Water Line:	?	_Pipe Diameter	Sanita	ry:?		
Electric:	0	_O=overhead, U=underground	Hydran	6" line	0 2"-4" line	
Notes						

Azalea Date: 4/10/2011

Owner	House #
Hound Ears Club	107
Snyder	150



Road Segment:	44	Evergreen: Ches	tnut to the Cliffs	s R	.oadway Eva	duation Form
Sector:	Everg	reen2			Date:	4/10/2011
EVALUATION					_	
Evaluation Score	2.	Formula for calc Usage - 35%, Pa Drainage - 25%,		Remed Co	liation ode	C/D
		Performance R	ating (1= greatest pri	iority, 5= lowest p	riority)	
Usage	3	1 = "Primary", heavily 3 = "Collector", subst 5 = "Secondary". Ligh	antially travelled, use ntly travelled, local tra	ed as pass-through affic only		
Paving	2	1 = 50% or more is d 3 = 25%-50% is deter 5 = minor deterioration	riorated or cracked, li		ng	
Drainage	2	1 = no positive draina3 = adequate drainage5 = well drained, adec	e, adequate infrastruc	ture, occasional flo	_	
Street Elements	1	1 = 25% or more of e 3 = 10%-25% of elen 5 = Less than 10% of	nents are damaged or	require replaceme	ent	
USAGE						
Classification: Number of Homes: Facilities Served:		1=primary 2	2=collector 3=seconda Density (homes	=	16	
PAVING						
Total Length (ft):	4926	Avg. Width (ft):20	Total Paved Are	:a (sq ft):	98,520
ELEMENTS						
Striping:	2,3	Guard Rails: 196	SE Retaining	g Walls 0		
DRAINAGE						
Culverts/Inlets/Pipes	Y	Swales Y				
UTILITIES						
Water Line:	6	Pipe Diameter	Sanitary:	Y		
Electric:	O,U	O=overhead, U=underground	Hydrants:	6" line 2	0 2"-4" line	
Notes						
1. Guardrails & striping det	eriorated	- Critical				

- Guardrails & striping deteriorated Critical
 Settlement, cracking and drainage issues Critical

Evergreen: Chestnut to the Cliffs

Owner	House #
Moretz	756
Angel	934
Hartley	1005
Pifer	1016
Tate	1113
Jesseph	1215
Black, W.R.	1315
Picchi	1690

4/10/2011

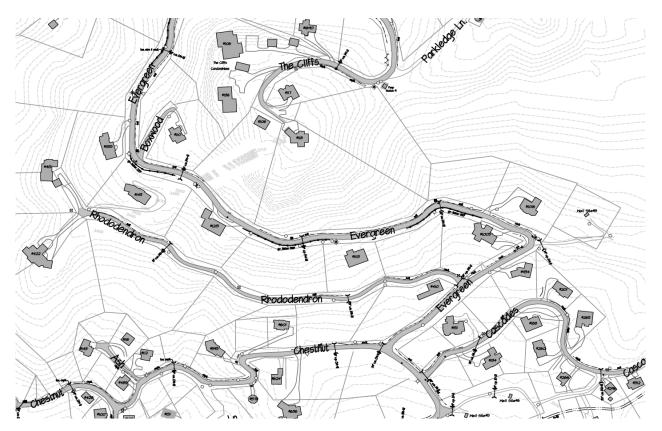
Date:



Road Segment:	45	Rhododendron		Roadway Eva	aluation Form
Sector:	Everg	reen2		Date:	4/10/2011
EVALUATION				_	
Evaluation Score	3	Formula for calculation: Usage - 35%, Paving - 30 Drainage - 25%, Street E		Remediation Code	A/B
		Performance Rating (1= greatest priority, 5:	= lowest priority)	
Usage	5	1 = "Primary", heavily travel 3 = "Collector", substantially 5 = "Secondary". Lightly tra	y travelled, used as pas	ss-through	
Paving	1	1 = 50% or more is deteriorated 3 = 25%-50% is deteriorated 5 = minor deterioration, no	d or cracked, limited se settling	ettling	
Drainage	3	1 = no positive drainage, ins3 = adequate drainage, adequ5 = well drained, adequate in	uate infrastructure, occ nfrastructure, minimal	casional flooding flooding	
Street Elements	4	1 = 25% or more of element 3 = 10%-25% of elements at 5 = Less than 10% of element	re damaged or require	replacement	
USAGE					
Classification: Number of Homes: Facilities Served:		5	ensity (homes/100ft):	0.24	
PAVING					
Total Length (ft):	1696	Avg. Width (ft):	20 Total	Paved Area (sq ft):	33,920
ELEMENTS					
Striping:	2	Guard Rails: 0	Retaining Walls	0	
DRAINAGE					
Culverts/Inlets/Pipes	Y	Swales Y			
UTILITIES					
Water Line:	4	Pipe Diameter	Sanitary: N	-	
Electric:	O	_O=overhead, U=underground	Hydrants: 0 6" line	3 2"-4" line	
Notes					
1. Substantial road settlement	nt & fail	ure around midpoint			

Rhododendron Date: 4/10/2011

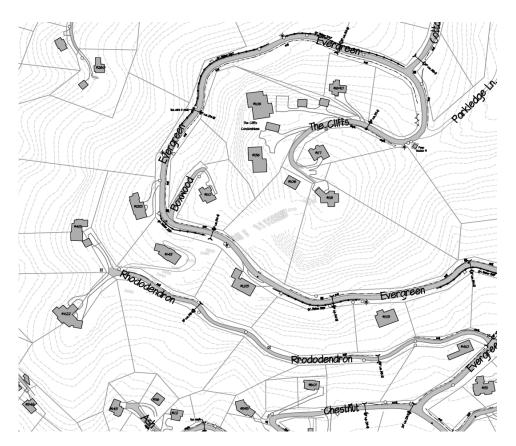
Owner	House #
Scupbach	143
Royall	410
Hodges	415
Isil	422



Road Segment:	46	Boxwood		Roadway Ev	aluation Form
Sector:	Everg	reen2		Date:	4/10/2011
EVALUATION					
Evaluation Score		Formula for cale Usage - 35%, Pa Drainage - 25%		Remediation Code	E
		Performance F	Rating (1= greatest prior	ity, 5= lowest priority)	
Usage	5	3 = "Collector", subst 5 = "Secondary". Light	y travelled, evacuation o antially travelled, used a ntly travelled, local traff	as pass-through ic only	
Paving	5	3 = 25%-50% is dete 5 = minor deterioration	-	ited settling	
Drainage	5	3 = adequate drainage 5 = well drained, adec	e, adequate infrastructur quate infrastructure, mi	nimal flooding	
Street Elements	5	3 = 10%-25% of elem	elements are damaged or nents are damaged or re elements are damaged	quire replacement	
USAGE					
Classification: Number of Homes: Facilities Served:		5	2=collector 3=secondary Density (homes/10		
PAVING					
Total Length (ft):	266	Avg. Width (ft):18	Total Paved Area (sq ft):	4,788
ELEMENTS					
Striping:	0	Guard Rails: 0	Retaining V	Valls 0	
DRAINAGE					
Culverts/Inlets/Pipes	N	Swales N	<u> </u>		
UTILITIES					
Water Line:	?	_Pipe Diameter	Sanitary:	Y	
Electric:	О	O=overhead, U=underground	Hydrants:	0 0 ' line 2"-4" line	
Notes					

Boxwood Date: 4/10/2011

Owner House #
Patterson 110



Road Segment:	47	The Cliffs		Roadway Ev	aluation Form
Sector:	Everg	reen2		Date:	4/10/2011
EVALUATION					
Evaluation Score	4.	Formula for ca Usage - 35%, Drainage - 25		Remediation Code	C/D
		Performance	Rating (1= greatest prior	rity, 5= lowest priority)	
Usage	5	3 = "Collector", sub 5 = "Secondary". Lig	ily travelled, evacuation stantially travelled, used ghtly travelled, local trafi	as pass-through fic only	
Paving	4	3 = 25%-50% is det 5 = minor deteriorate	ě	nited settling	
Drainage	4	3 = adequate draina 5 = well drained, ad	ge, adequate infrastructu equate infrastructure, mi	inimal flooding	
Street Elements	3	3 = 10%-25% of ele	elements are damaged or re- ements are damaged or re- of elements are damaged	equire replacement	
USAGE					
Classification: Number of Homes: Facilities Served:		5	2=collector 3=secondary Density (homes/1		
PAVING					
Total Length (ft):	445	Avg. Width	(ft): <u>20</u>	Total Paved Area (sq ft):	8,900
ELEMENTS					
Striping:	2	Guard Rails:	0 Retaining V	Walls 0	
DRAINAGE					
Culverts/Inlets/Pipes	Y	Swales	Y		
UTILITIES					
Water Line:	6	Pipe Diameter	Sanitary:	Y	
Electric:	U	O=overhead, U=underground	Hydrants:	0 1 "line 2"-4" line	
Notes					

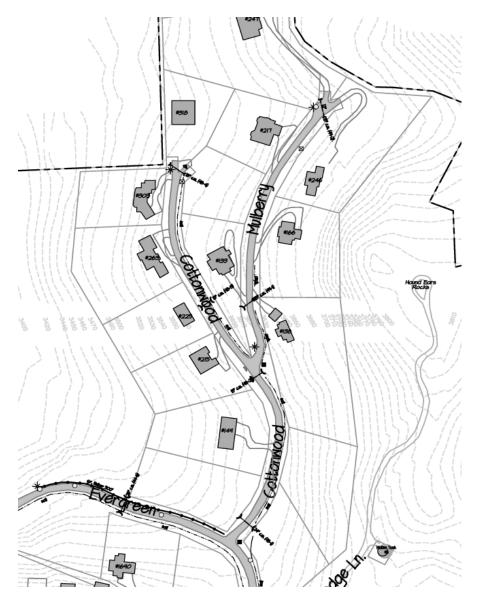
The Cliffs Date: 4/10/2011

Owner	House #	
A1- Upchurch, T	106	
A2- McNeely	106	
A3- Boon	106	· Vergeen.
A4- Gray	106	
A5- Hahne	106	THEOD XX
Linn	106	800
Boleman	117	Daviedos II
Whicker	118	the CHFFS
B1- Neviaser	136	
B2- Harlow, J.	136	Tong the state of
B3- Byrd	136	
B4- Harlow, J.	136	400
		34000

Road Segment:	48	Cottonwood			Roadway Ev	aluation Form
Sector:	Everg	reen2			Date:	4/10/2011
EVALUATION						
Evaluation Score	3	Formula fo Usage - 35 Drainage -	%, Paving		Remediation Code	B/C
		Performan	ice Ratin	ng (1= greatest priori	ity, 5= lowest priority)	
Usage	5	3 = "Collector", s 5 = "Secondary".	substanti Lightly	welled, evacuation o ially travelled, used a travelled, local traffi	as pass-through c only	
Paving	3		deteriora	iorated or cracked, s ated or cracked, limi no settling	_	
Drainage	3	3 = adequate drains 5 = well drained,	inage, ad adequat	lequate infrastructur e infrastructure, mir	=	
Street Elements	5	3 = 10%-25% of	element	s are damaged or re	require replacement quire replacement or require replacement	
USAGE						
Classification: Number of Homes: Facilities Served:		5	ery 2=co	Density (homes/10		
PAVING						
Total Length (ft):	1157	Avg. Wid	th (ft):	19	Total Paved Area (sq ft):	21,983
ELEMENTS						
Striping:	2	Guard Rails:	0	Retaining W	7alls 0	
DRAINAGE						
Culverts/Inlets/Pipes	Y	Swales	Y			
UTILITIES						
Water Line:	6	Pipe Diameter		Sanitary:	Y	
Electric:	U	O=overhead, U=underground		Hydrants: 6"	1 1 1 line 2"-4" line	
Notes						

Cottonwood Date: 4/10/2011

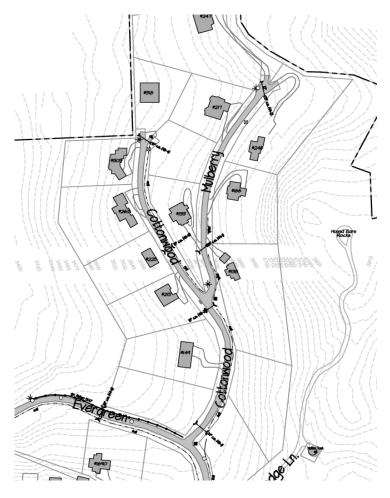
Owner	House #
Yoss	149
Blake	215
Yoss	225
Preik	263
Carleton-Jones	303
Yoss	318



Road Segment:	49	Mulberry		Roadway Ev	aluation Form
Sector:	Everg	reen2		Date:	4/10/2011
EVALUATION				_	
Evaluation Score	3	Formula for calculat Usage - 35%, Pavin Drainage - 25%, St.	g - 30%	Remediation Code	B/C
		Performance Rati	ng (1= greatest priority,	5= lowest priority)	
Usage	5	1 = "Primary", heavily tr 3 = "Collector", substant 5 = "Secondary". Lightly	tially travelled, used as parter travelled, local traffic or	ass-through nly	
Paving	3	1 = 50% or more is dete. 3 = 25%-50% is deterior 5 = minor deterioration,	rated or cracked, limited	•	
Drainage	3	1 = no positive drainage,3 = adequate drainage, a5 = well drained, adequa	dequate infrastructure, o	occasional flooding	
Street Elements	5	1 = 25% or more of elem 3 = 10%-25% of elemen 5 = Less than 10% of ele	its are damaged or requir	re replacement	
USAGE					
Classification: Number of Homes: Facilities Served:		5 1=primary 2=c	collector 3=secondary Density (homes/100ft):0.87	
PAVING					
Total Length (ft):	804	Avg. Width (ft):		al Paved Area (sq ft):	16,080
ELEMENTS					
Striping:	2	Guard Rails: 0	_ Retaining Walls	s <u>0</u>	
DRAINAGE					
Culverts/Inlets/Pipes	Y	Swales Y	_		
UTILITIES					
Water Line:	?	_Pipe Diameter	Sanitary: N	_	
Electric:	U	_O=overhead, U=underground	Hydrants: 0	e 1 2"-4" line	
Notes					
1. Inlet 49-1, added junction	n box on	ıly in 2007			

Mulberry **Date:** 4/10/2011

Owner	House #
Preik	133
Fitzsimmons	138
Allen	166
Matzner	177
Douglas, T.	217
Goodwin; Godbold; Hoover	246
Turchin	247



Road Segment:	50	The Lakes		Roadway Eva	luation Form
Sector:	Lakes			Date:	4/10/2011
EVALUATION				_	
Evaluation Score	3.	Formula for calc Usage - 35%, Pa Drainage - 25%		Remediation Code	В
		Performance F	Rating (1= greatest priori	ity, 5= lowest priority)	
Usage	3	3 = "Collector", subst	y travelled, evacuation o tantially travelled, used a ntly travelled, local traffi	as pass-through	
Paving	4	3 = 25%-50% is dete 5 = minor deterioration		ited settling	
Drainage	2	3 = adequate drainage 5 = well drained, adec	age, insufficient infrastru e, adequate infrastructur quate infrastructure, min	re, occasional flooding nimal flooding	
Street Elements	5	3 = 10%-25% of elem	elements are damaged or nents are damaged or rec Telements are damaged o	quire replacement	
USAGE					
Classification: Number of Homes: Facilities Served:		3	2=collector 3=secondary Density (homes/10		
PAVING					
Total Length (ft):	2708	Avg. Width (ft): <u>21</u>	Total Paved Area (sq ft):	56,868
ELEMENTS					
Striping:	2	Guard Rails: 0	Retaining W	7alls0	
DRAINAGE					
Culverts/Inlets/Pipes	Y	Swales Y	,		
UTILITIES					
Water Line:	6	_Pipe Diameter	Sanitary:	Y	
Electric:	U	O=overhead, U=underground	Hydrants: 6"	6 1 1 2"-4" line	
Notes					
1 Ponding between building	os A&R	Requires new inlet and	d nine to lake - Critical		

- 1. Ponding between buildings A&B. Requires new inlet and pipe to lake Critical
- 2. Inlet 50-2 added in 2007

The Lakes Date: 4/10/2011

Owner	House #	
A1- Johnson, R.	209	
A2- Greene, D.	209	
A3- Shepherd	209	
A4- Pettyjohn	209	
A5- Seidenberg	209	
A6- Finch	209	**************************************
A7- Prym	209	
A8- Worley	209	RNer Pare II
B1- Clarke	271	STATE PARTY AND
B2- Nolan	271	
B3- Shepard	271	
B4- Goddard	271	
B5- Levine	271	
B6- LeVarge	271	
B7- Stefanovich	271	
B8- Ferguson	271	
C1- Taheri	361	Transit (1)
C2- Claughton	361	
C3- Pulliam	361	Provide A
C4- Bank of Edwardsville	361	
C5- Weintraub	361	The idea of the id
C6- Ketcham	361	
C7- Harrell	361	Role 12 To
C8- Page	361	A CONTRACTOR OF THE CONTRACTOR
C9- Stavros	361	
C10- Hawkins	361	The chest of the country of the coun
D1- Good	363	not
D2- Todd	363	the case
D3- Costa	363	The second secon
D4- Davis, W.F.	363	
E1- Pratt	467	
E2- Propst	467	1000
E3- Hearn	467	
E4- Janis	467	
F1- Hall	507	
F2- Maselli	507	
F3- Hall	507	
F4- Duncan, S.	507	
G1- Sedlak	565	
G2- Miller, W.	565	
G3- Baker, P.	565	
G4- Benson; Turner, G.	565	
A1- Petrany	601	
A2- Libby	601	
	331	