CCAC Meeting September 21, 2016

Information from Community Development
Albemarle County

Working Together

Before recession – Neighborhood Planners

- Experts on development activities, CIP work, etc.
- Liaison to community
- Advocate to site reviewers on Master Plan recommendations
- Present at CAC meetings

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Since recession – Attendance of various staff as possible

- Just hired new Planning Director
- Hopefully about to re-fill vacant Planner position
- Need additional staff resources to keep up with dev. review, not to mention Master Plans

Growth in Crozet

- What is our current population?
- How much land is left to be developed?
- How quickly are we growing?
- Why are we growing so fast?
- Is there any way to stop this growth?

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Latest Unofficial Population Estimate

6,854 (Feb. 2016)

2753 dwelling units

Persons/unit (ppu) factor of 2.49 including vacancy – Countywide figure of 2.41 ppu + vacancy

Creating Estimates

Pre2004

Census Blocks for Census Years + add'l units annually from C.O.s x ppu by unit type and geographic area (derived from latest Census)

Post 2004

On-ground inventory + add'l units annually from C.O.s x ppu Countywide from latest American Community Survey

Staff has not been able to do a more detailed population estimate based on ppu by unit type or geographic area due to staffing constraints

Crozet Populations (in-house estimates) 6,854 2016 Latest 2010 5,501 5,336 2009 5,095 2007 4,798 2006 4,304 2005* 2,947 2002 2,753 2000 1999 2,536 2,382 1998 2,224 1996 2,078 1994 1,801 1993 1,733 1990

1985

Historic Estimates

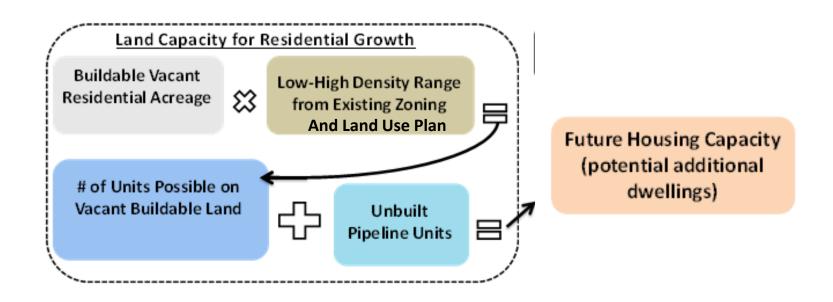
Earliest

1,576

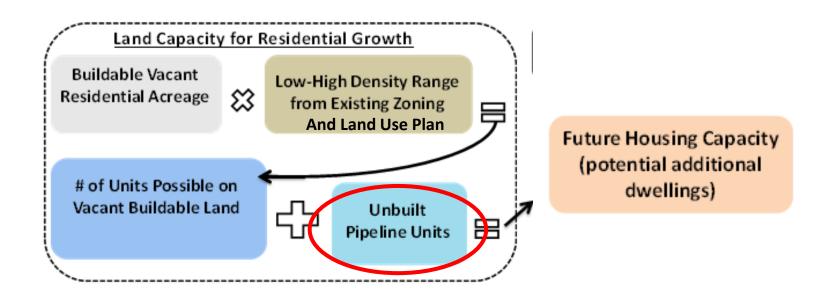
Growth in Crozet

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How Much Land is Left to be Developed? Conducting a Capacity Analysis



What is already planned?



Crozet Pipeline SPs and ZMAs

approved by ZMA sind	ce 2001	approved units	built	unbuilt
ZMA 04-17	Wickham Pond I	107	91	16
ZMA 04-24	Old Trail	2,200	313	1887
ZMA 05-18	Wickham Pond II	106	50	56
ZMA 07-12	Blue Ridge Co-housing	26	0	26
under ZMA/SP review	,	units proposed		
ZMA201500008	Adelaide	80		
SP201600003	West Glen - max with SP	74		
ZMA201600005	Foothills Daily Property	180		

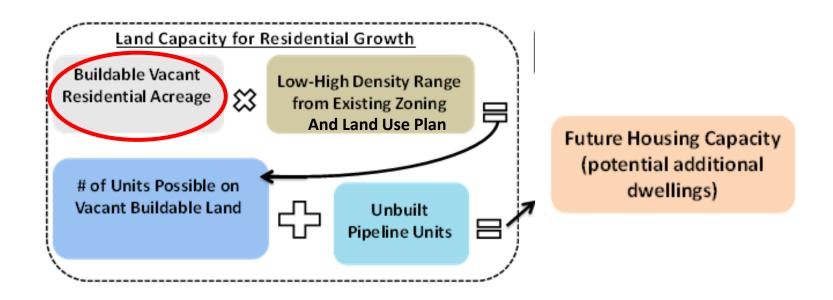
Crozet Pipeline – SDPs and SUBs

SUB	Creekside - multiple phases	
SUB	Westlake Hills - multiple phases	
SUB	Foothill Crossing multiple phases	
SUB	Chesterfield Landing Ph1	26
SUB	Fairhill Estates RPD	13
SUB	Foxchase Landing - multiple phases	15
		New Units
SDP	The Vue	126

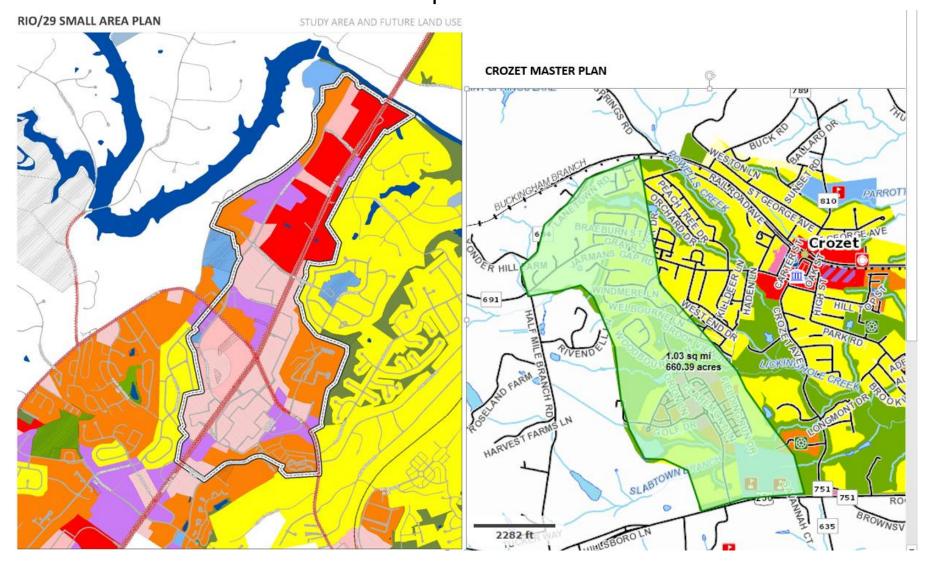
PLEASE DON'T TRY TO ADD EVERYTHING TOGETHER — It doesn't work

	Α	В	С	D	Е	F	G	Н
1	App Number	Project Name	Subm.Date	New Lots	Buildings	App type	Status	Date of status
2	SUB201400219	A. Joseph Homes, LLC - FINAL	01/05/2015	1		Final Plat	Approved	2/18/2015 1
3	SUB201500152	Mark R. Triplett - Two-Lot Subdivision	09/08/2015	1		Final Plat	Approved	10/20/2015
4	SUB201400165	CREEKSIDE III - PHASE IIIC - FINAL	10/06/2014	6		Final Plat	Approved	5/28/2015 1
5	SUB201400161	Old Trail Village Block 15 - Final	10/06/2014			Final Plat	Approved	12/14/2015
6	SUB201400182	Old Trail Village Block 12, Phase 1 - Final	11/24/2014	2		Final Plat	Approved	12/19/2014
7	SUB201500008	Old Trail Village Block 35A - Final	01/20/2015	1		Final Plat	Approved	3/10/2015 1
8	SUB201500071	Old Trail Block 12 Phase B - Final	04/20/2015	5		Final Plat	Approved	12/9/2015 1
9	SUB201500174	Old Trail Village, Block 27 - Final	10/05/2015	25		Final Plat	Approved	12/9/2015 1
10	SUB201500191	Old Trail Village - Blk. 31 - Final	10/26/2015			Final Plat	Approved	12/29/2015
11	SUB201600084	East Village of Old Trail Village - TMP55E01-A1	04/25/2016	1	0	Final Plat	Approved	6/1/2016 12:
12	SUB201500030	Old Trail Village - Redivision of Lot 1B & 3C	03/09/2015	2		Final Plat	Approved	3/26/2015 1
13	SUB201600050	Old Trail Village - Block 1 Redivision - Final	03/07/2016			Final Plat	Approved	4/14/2016 1
14	SUB201500190	Old Trail Village - Lot 3B - Blk. 1 - Final	10/26/2015	2		Final Plat	Approved	11/17/2015
15	SUB201500032	Old Trail Bock 12, Lots 13-15 - Final	03/09/2015	2		Final Plat	Approved	4/7/2015 12:
16	SUB201500043	Old Trail Block 12 Lots 16-19 - Final	03/23/2015	3		Final Plat	Approved	5/26/2015 1
17	SUB201400217	Old Trail Lot 1A, Blk 29A Re-Division - FINAL	12/22/2014	1	0	Final Plat	Approved	2/12/2015 1
18	SUB201500068	Old Trail, Block 3C, Lots 1,2,3,12,&13 - Final	04/06/2015	3		Final Plat	Approved	5/20/2015 1
19	SUB201600048	Old Trail Village, Blk. 4 - Final	03/07/2016			Final Plat	Approved	3/28/2016 1
20	SUB201600044	Chesterfield landing Subdivison - Final	02/22/2016	25	0	Final Plat	Approved	7/15/2016 1
21	SUB201500207	Wickham Pond Lots 124-129,Ph. 2,Blk. 1 TH	11/23/2015			Final Plat	Approved	12/30/2015
22	SUB201600051	Subdivision Plar Showing Parcels A,B & C - Final	03/07/2016	4		Final Plat	Approved	7/7/2016 12:
23	SUB201500066	Wayland's Ridge - Preliminary	04/06/2015			Preliminary Plat	Approved	5/28/2015 1
24	SUB201500173	Foothill Crossing Phase VI - Preliminary	10/05/2015			Preliminary Plat	Approved	11/25/2015
25	SUB201600038	Foothill Crossing - Phase IV & V - Final	02/22/2016	26		Final Plat	Approved	6/8/2016 12:
26								
27	SUB201600107	Old Trail Village - East Village - Final	06/06/2016			Final – Residential	Under Review	8/15/2016 1
28	SUB201500209	Creekside III, Phase IIID - Final	11/23/2015			Final Plat	Under Review	11/18/2015
29	SUB201600102	Old Trail Village-Blk.10 & Lots 1-14, Blk 30-East	05/23/2016			Final Plat	Under Review	5/19/2016 2:
30	SUB201600103	Old Trail Village, East Village - Final	05/23/2016			Final Plat	Under Review	7/25/2016 1
31	SUB201600149	Old Trail Village Parcel A - Final	07/25/2016			Final Plat	Under Review	7/25/2016 9:
32	SUB201600164	Sub. Lots 4A & 4B-Blk. C - Final	08/22/2016			Final Plat	Under Review	8/22/2016 8:
33	SUB201600079	Westlake Hill Subdivision - Phase II - Final	04/25/2016			Final Plat	Under Review	4/18/2016 4:
34	SUB201600144	Westlake Hills Subdivision Residue - Final	07/25/2016			Final Plat	Under Review	7/18/2016 9:

Getting at the Vacant Residential Acreage



Most Recent Example and How Much Land Area It Represents



Step 1:

Identify all properties in the study area by:

- Parcel #
- Zoning
- Land Use Plan designation

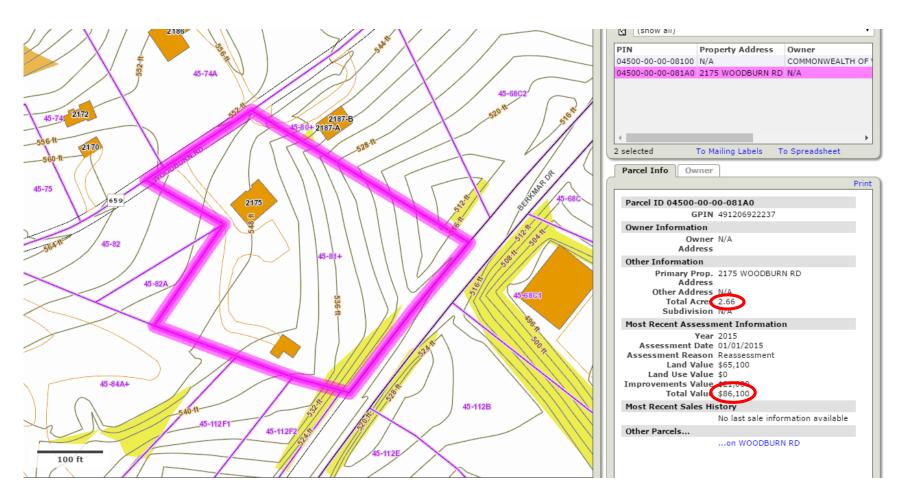
1	GIS-Web Link PI	ParcelID	Zoning	CP Name	CP LandUse
2	GI3-Weitlink PI	Parcello	Zonnig	CP_IVAILLE	CP_Landose
3	45-2	045000000026A(¬↑	NMD ▼	PL29 N1 ▼	Office / R & D / Flex / Light Industrial
4		045000000067A0	RA	PL29 N1	Commercial Mixed Use
5	45-67A	045000000067A0	RA	PL29 N2	Commercial Mixed Use
6	45-68C #	045000000068C0	НС	PL29 N1	Office / R & D / Flex / Light Industrial
7	45-68C #	045000000068C0	НС	PL29 N1	Urban Density Residential
8	45-68C #	45000000068C0	НС	PL29 N1	Urban Mixed Use (in areas around Centers)
9	45-68C #	45000000068C0	НС	PL29 N1	Office / R & D / Flex / Light Industrial
10	45-68C #	015000000068C0	HC	PL29 N1	Urban Density Residential
11	45-68C #	0.5000000068C0	HC	PL29 N1	Urban Mixed Use (in areas around Centers)
12	45-68C2 #	045000000068C2	R15	PL29 N1	Office / R & D / Flex / Light Industrial
13	45-68C2 #	045000000068C2	R15	PL29 N1	Urban Density Residential
14	45-68C2 #	045000000068C2	R15	PL29 N1	Office / R & D / Flex / Light Industrial
15	45-68C2 #	04 <mark>5</mark> 000000068C2	R15	PL29 N1	Urban Density Residential
16	45-68C2 #	04 <mark>50000000068C2</mark>	R15	RA	NONE
17	<u>45-68D</u> #	04 <mark>5</mark> 000000068D0	R15	PL29 N1	Commercial Mixed Use
18	<u>45-68D</u> #	04 <mark>5</mark> 000000068D0	R15	PL29 N1	Urban Density Residential
19	<u>45-68D</u> #	04 <mark>5</mark> 000000068D0	R15	PL29 N1	Urban Mixed Use (in areas around Centers)
20	<u>45-68D</u> #	04 <mark>5000000068D0</mark>	R15	PL29 N1	NONE
21	<u>45-68D</u> #	045000000068D0	R15	PL29 N1	Urban Density Residential
22	<u>45-68D</u> #	045000000068D0	R15	PL29 N1	Urban Mixed Use (in areas around Centers)
23	<u>45-68D1</u> #	045000000068D1	CO	PL29 N1	Urban Density Residential
24	<u>45-68D1</u> #	0.5000000068D1	HC	PL29 N1	Urban Density Residential
25	<u>45-68D1</u> #	045000000068D1	HC	PL29 N1	NONE
26	45-68D1 #	45000000068D1	CO	PL29 N1	Urban Density Residential
27	45-68D1 #	45000000068D1	HC	PL29 N1	Urban Density Residential
28	<u>45-68D1</u> #	045000000068D1	HC	RA	NONE
29	<u>45-68D7</u> #	045000000068D7	R15	PL29 N1	Urban Density Residential
30	45-68D7	045000000068D7	R15	PL29 N1	Urban Density Residential
31	<u>45-68E</u> #	045000000068E0	R15	PL29 N1	Office / R & D / Flex / Light Industrial
32	<u>45-68</u> F #	045000000068E0	R15	PL29 N1	Urban Density Residential
33		045000000068E0	R15	PL29 N1	NONE
24	For #	04500000000000	D4F	DI 20 N4	Office In 0 to I floor I the head of the second

Step 2:

Separate constrained land from unconstrained land – chuck the unconstrained land for CP designation

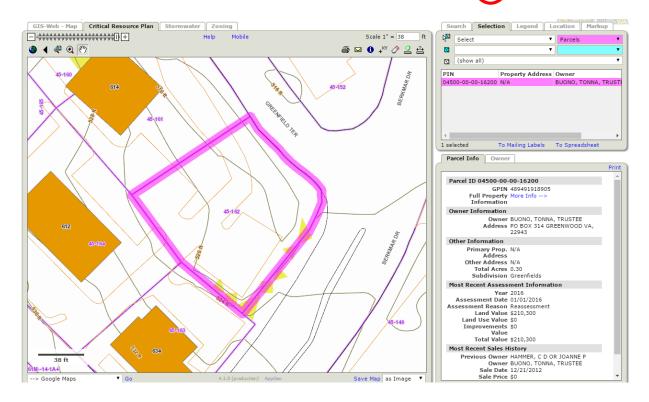
Α	υ	E	F	G
S-Web Li 🕫	Zoniı 🔻	CP_Nan ▼	CP_LandUse	Constraint -
45-100	C1	PL29 N1	Urban Density Residential	Constrained
45-100	C1	PL29 N1	Urban Density Residential	Unconstrained
45-100A	C1	PL29 N1	Urban Density Residential	Constrained
45-100A	C1	PL29 N1	Urban Density Residential	Unconstrained
45-100B	C1	PL29 N1	Urban Density Residential	Unconstrained
45-100C	C1	PL29 N1	Urban Density Residential	Constrained
45-100C	C1	PL29 N1	Urban Density Residential	Unconstrained
45-101	C1	PL29 N1	Urban Density Residential	Constrained
45-101	C1	PL29 N1	Urban Density Residential	Unconstrained
45-101	C1	PL29 N1	Urban Mixed Use (in areas around Centers)	Unconstrained
45-101B	C1	PL29 N1	Urban Density Residential	Constrained
45-101B		PL29 N1	Urban Density Residential	Unconstrained
45-102	C1	PL29 N1	Urban Density Residential	Constrained
45-102		PL29 N1	Urban Density Residential	Unconstrained
45-102		PL29 N1	Urban Mixed Use (in areas around Centers)	Unconstrained
10 202			control of the contro	2Jonistianieu
45-102A	HC	PL29 N1	Office / R & D / Flex / Light Industrial	Constrained
45-102A	HC	PL29 N1	Urban Mixed Use (in areas around Centers)	Constrained
45-102A	HC	PL29 N1	Office / R & D / Flex / Light Industrial	Unconstrained
** ***		01.00.114	/ /	

Step 3:Separate larger properties with small improvement value



Step 4:Separate out properties with "0" improvements – potentially, "vacant" land

1	ParcelID	Zoning	CP_Name	CP_LandUse	Constraint	ImproveVal	Area_Acres
2	045000000068C0	HC	PL29 N1	Office / R & D / Flex / Light Industrial	Unconstrained	0	0.061
3	045000000068C0	HC	PL29 N1	Urban Mixed Use (in areas around Centers)	Unconstrained	0	5.584
4	045000000068C2	R15	PL29 N1	Office / R & D / Flex / Light Industrial	Unconstrained	0	2.639
5	045000000068D0	R15	PL29 N1	Urban Density Residential	Unconstrained	0	0.221
							/



Step 5:

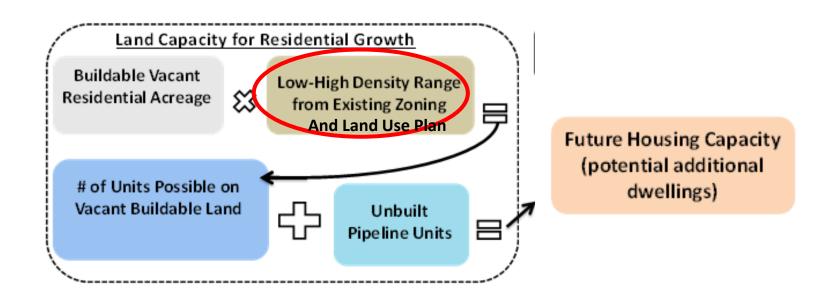
Look at properties currently under development review – include or not include as undeveloped vacant land?

1	GIS-Web Link	ParcelID	Zoning	CP Name	CP LandUse	Constraint		ImproveVal	Area Acres
2	45-112	04500000011200	R6	PL29 N1	Commercial Mixed Use	Constrained	Constrained	0	0.002
3	45-112	04500000011200	R6	PL29 N1	Office / R & D / Flex / Light Industrial	Constrained	Constrained	0	0.002
4	45-112	04500000011200	R6	PL29 N1	Commercial Mixed Use	Unconstrained	Unconstrained	0	0.020
5	45-112	04500000011200	R6	PL29 N1	Office / R & D / Flex / Light Industrial	Unconstrained	Unconstrained	0	2.709
6					part of BerkBusPark zma				
7									
8	45-112B	045000000112B0	HC	PL29 N1	Commercial Mixed Use	Constrained	Constrained	0	0.021
9	45-112B	045000000112B0	HC	PL29 N1	Office / R & D / Flex / Light Industrial	Constrained	Constrained	0	0.452
10	45-112B	045000000112B0	HC	PL29 N1	Commercial Mixed Use	Unconstrained	Unconstrained	0	1.179
11	45-112B	045000000112B0	HC	PL29 N1	Office / R & D / Flex / Light Industrial	Unconstrained	Unconstrained	0	2.394
12					part of Better Living site plan				
13	45-112E	045000000112E0	R6	PL29 N1	Office / R & D / Flex / Light Industrial	Constrained	Constrained	1100	0.050
14	45-112E	045000000112E0	R6	PL29 N1	Office / R & D / Flex / Light Industrial	Unconstrained	Unconstrained	1100	1.682
15					redev. part of BBP plan				
16									
17									

We did not include these properties as part of the pipeline

Steps 1 - 5 =vacant land

Potential Capacity of Buildable Vacant Acreage



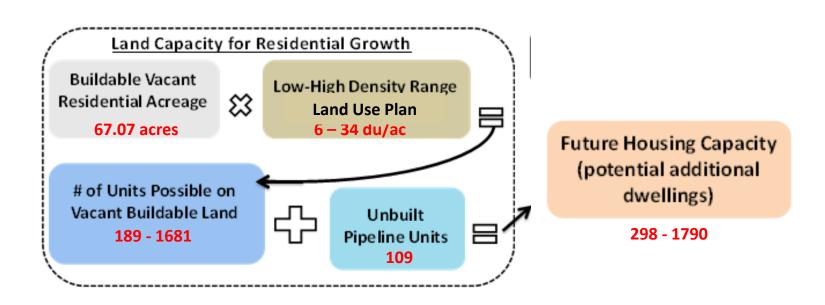
Step 8: Multiply vacant developable acreage by density range for designated land use

GIS-Web Link	ParcelID	Zoning	CP_Name	CP_LandUse	Area_Acres			
					90% Res.; 10% Non-Res.*	6.01 - 34 du/ac	Low Units	High Units
45-68D	045000000068D0	R15	PL29 N1	Urban Density Residential	0.221	0.20	1	
45-68D1	045000000068D1	CO	PL29 N1	Urban Density Residential	1.353	1.22	7	4
45-68D1	045000000068D1	HC	PL29 N1	Urban Density Residential	1.107	1.00	6	3
45-68D7	045000000068D7	R15	PL29 N1	Urban Density Residential	9.592	8.63	52	29
45-68E	045000000068E0	R15	PL29 N1	Urban Density Residential	1.739	1.56	9	5
45-86A1	045000000086A1	R6	PL29 N1	Urban Density Residential	0.516	0.46	3	1
<u>45-87</u>	04500000008700	R6	PL29 N1	Urban Density Residential	1.690	1.52	9	5
<u>45-88</u>	04500000008800	R6	PL29 N1	Urban Density Residential	1.706	1.54	9	5
<u>45-90</u>	04500000009000	R6	PL29 N1	Urban Density Residential	3.679	3.31	20	11
45-91C	045000000091C0	R6	PL29 N1	Urban Density Residential	0.604	0.54	3	1
<u>45-94</u>	04500000009400	R6	PL29 N1	Urban Density Residential	0.461	0.42	2	1
45-100	04500000010000	C1	PL29 N1	Urban Density Residential	0.943	0.85	5	2
45-101B	045000000101B0	C1	PL29 N1	Urban Density Residential	0.516	0.46	3	1
61-124E	061000000124E0	HC	PL29 N2	Urban Density Residential	0.203	0.18	1	
61-124E	061000000124E0	HC	PL29 N2	Urban Density Residential	2.350	2.12	13	7
					33% Res; 67%			
					Retail, Service,	6.01 - 34 du/ac		
					Office*			
45-110C	045000000110C0	НС	PL29 N2	Commercial Mixed Use	3.239	1.07	6	3
45-111	04500000011100	НС	PL29 N2	Commercial Mixed Use	4.527	1.49	9	5
45-111C	045000000111C0	HC	PL29 N2	Commercial Mixed Use	1.049	0.35	2	1
45-112G	045000000112G0	C1	PL29 N1	Commercial Mixed Use	3.644	1.20	7	4
45B1-041	045B1040000100	СО	PL29 N2	Commercial Mixed Use	1.853	0.61	4	2
				· · · · · · · · · · · · · · · · · · ·				

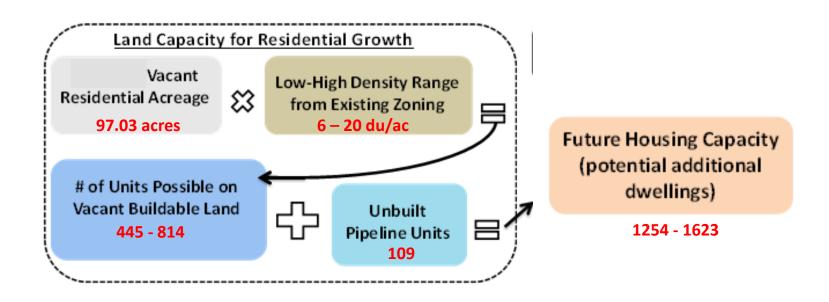
Step 9:Multiply vacant developable acreage by density range for zoning district (gross acreage)

Α	D	E	F	G	Н	I	J	K	L
GIS-Web Link	ParcelID	CP_Name	Zoning	Area_Acres	% res	Res. Acres	Low	High	Range
45-86A1	045000000086A1	PL29 N1	R6	0.500	0.980	0.490	3	4	> 6 - 9
<u>45-87</u>	04500000008700	PL29 N1	R6	1.500	0.980	1.470	9	13	
<u>45-88</u>	04500000008800	PL29 N1	R6	2.530	0.980	2.479	15	22	
<u>45-90</u>	04500000009000	PL29 N1	R6	4.340	0.980	4.253	26	38	
45-91C	045000000091C0	PL29 N1	R6	0.410	0.980	0.402	2	4	
<u>45-94</u>	04500000009400	PL29 N1	R6	5.910	0.980	5.792	35	52	
<u>45-82</u>	04500000008200	PL29 N1	R6	0.660	0.980	0.647	4	6	
45-82A	045000000082A0	PL29 N1	R6	0.200	0.980	0.196	1	2	
45-85+	04500000008500	PL29 N1	R6	1.000	0.980	0.980	6	9	
45-112F1	045000000112F1	PL29 N1	R6	0.580	0.980	0.568	3	5	
45-112F2	045000000112F2	PL29 N1	R6	0.540	0.980	0.529	3	5	
45-68D	045000000068D0	PL29 N1	R15	5.940	0.900	5.346	53	107	15-20
45-68D7	045000000068D7	PL29 N1	R15	17.060	0.900	15.354	154	307	
45-68E	045000000068E0	PL29 N1	R15	2.180	0.900	1.962	20	39	
45-68D	045000000068D0	PL29 N1	R15	5.940	0.900	5.346	53	107	
45-68C2	045000000068C2	PL29 N1	R15	2.720	0.900	2.448	24	49	

Land Capacity For Additional DU under Comprehensive Plan



Land Capacity For Additional DU under Existing Zoning

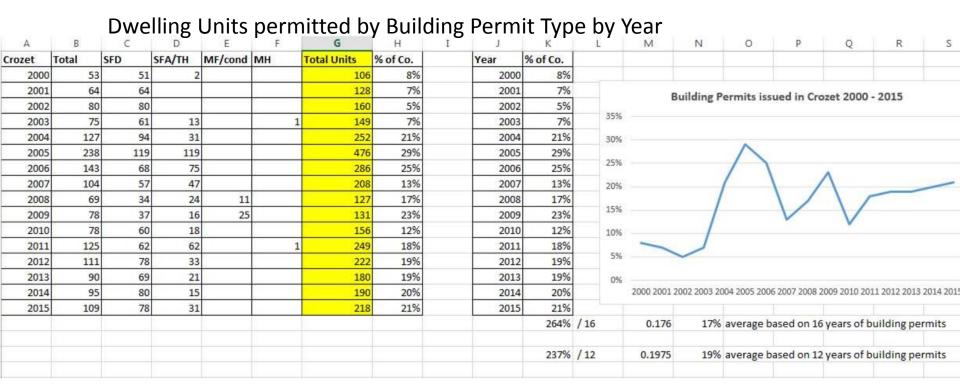


THIS TELLS THE AMOUNT OF LAND THAT CAN BE DEVELOPED AND HOW MUCH RESIDENTIAL DEVELOPMENT IT CAN ACCOMMODATE

Growth in Crozet

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Crozet Growth – Using Building Permits



Crozet went from about 7% of the Co./year to almost 20% of the Co./year

the population capacity of the Crozet Development Area. As indicated in the Crozet Master Plan, full buildout, the Crozet Development Area would provide population capacity of approximately 18,000. This capacity estimate does not assume a timeline for growth, so whether Crozet grows to 18,000 by 2040, 2050, or even later is not known. However, during the 2010 Crozet Master Plan update, staff provided some unofficial projections of future growth as seen below:

POPULATION PROJECTIONS 2000 – 2030
BASED ON PAST GROWTH RATES

Projection from Historic Population Growth for Crozet

Year	Low*	High**		
2010	5,560	5,640		
2020	8,390	9,818		
2025	10,061	12,650		
2030	12,065	16,299		

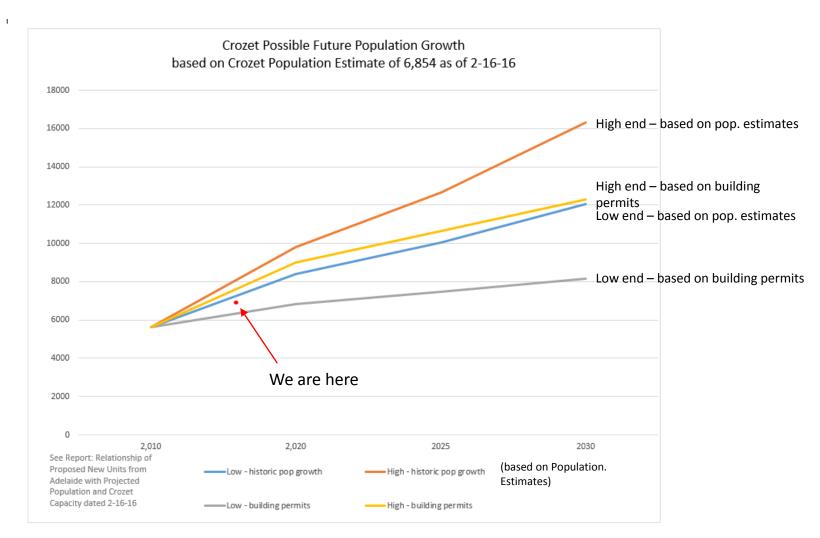
- Annual growth rate of 4.2% to yr 2020 (observed 1990-1999); growth rate of 3.7% from 2021-2030
- ** Annual growth rate of 5.7% to yr 2020 (observed 2000 2009); growth rate of 5.2% from 2021-2030

Projection from Growth Trends as seen in Building Permits for Crozet

Year	Low***	High****
2020	6,812	8,986
2030	8,164	12,305

- *** Projection average number of residential building permits observed from 1994 to 2003 (55 permits/year)
- **** Projection average number of residential building permits observed from 2004 to 2008 (136 permits/year)

These projections were intended to give an idea of the potential future rate of growth.



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Rate of Growth Depends on

- Market to developers
 - o available, buildable land
 - builders' ability to purchase lots
- Market to new or relocating residents
 - perceived quality of schools
 - visual attractiveness and amenities
 - proximity to employment and transportation networks
 - proximity to shopping and recreation

Growth in Crozet

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Affecting the Rate of Growth

- No ability for moratorium
- Other development areas are seeing new by-right and zma activity
- By-right development over rezoned properties may result in fewer units, but, perhaps not as many amenities for the community

Schedule

- Capacity Analysis for all Development Areas at end of 2016
- Better way to track units built by development -under way by our GDS division

Discussion/Questions

 After Pantops – hopefully Pantops starts in January and will only take a year

- After Pantops hopefully Pantops starts in January and will only take a year
- I.D. areas for discussion

- After Pantops hopefully Pantops starts in January and will only take a year
- I.D. areas for discussion
- I.D. ways to get public input Work with Community Engagement Office to develop plan

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