

Union County

**Early Voting Sites
(Alternative Plan)**

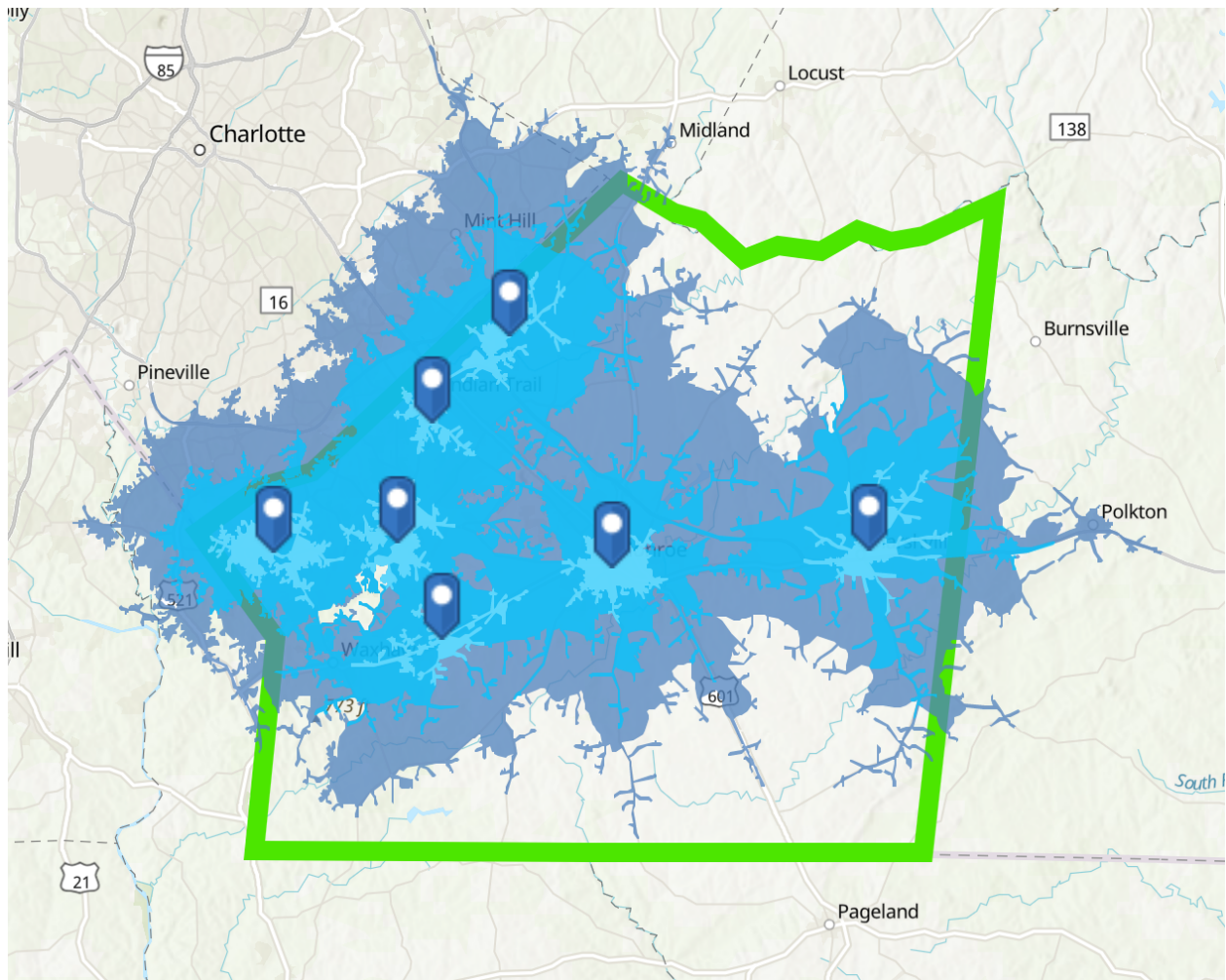


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Union County Analysis

Majority Plan:



Site Locations:

Site Name	Site Address
Union County Public Library	316 E Windsor St # A, Monroe, NC 28112
Edwards Memorial Library	414 Hasty St, Marshville, NC 28103
Hemby Bridge VFD	6628 Mill Grove Rd, Indian Trail, NC 28079
Mineral Springs VFD	5804 Waxhaw Hwy, Monroe, NC 28112
Stallings VFD	4616 Old Monroe Rd, Indian Trail, NC 28079
Wesley Chapel VFD	8821 New Town Rd Waxhaw, NC 28173
Wesley Chapel VFD (MAIN)	315 Waxhaw Indian Trail Rd S, Waxhaw, NC 28173

Majority Site(s) Coverage:

	Total Voters	Total D	% D Total	Variance	Total R	% R Total	Variance	Total U	% U Total	Variance
County	168,692	39,077	23.16%		68,111	40.38%		60,410	35.81%	
5 Min Maj. Plan	31,348	9,149	29.19%	6.02%	10,818	34.51%	-5.87%	11,199	35.72%	-0.09%
10 Min Maj. Plan	130,095	32,232	24.78%	1.61%	49,002	37.67%	-2.71%	47,998	36.89%	1.08%
15 Min Maj. Plan	157,945	37,550	23.77%	0.61%	62,145	39.35%	-1.03%	57,220	36.23%	0.42%

	Total Voters	Total W	% W Total	Variance	Total B	% B Total	Variance	Total A	% A Total	Variance	Total U	% U Total	Variance	Total O	% O Total	Variance
County	168,692	122,286	72.5%		19,190	11.4%		3,566	2.1%		15,409	9.1%		6,937	4.1%	
5 Min Maj. Plan	31,348	19,935	63.6%	-8.9%	5,507	17.6%	6.2%	950	3.0%	0.9%	3,105	9.9%	0.8%	1,565	5.0%	0.9%
10 Min Maj. Plan	130,095	90,897	69.9%	-2.6%	16,426	12.6%	1.3%	3,287	2.5%	0.4%	12,530	9.6%	0.5%	5,872	4.5%	0.4%
15 Min Maj. Plan	157,945	112,936	71.5%	-1.0%	18,750	11.9%	0.5%	3,538	2.2%	0.1%	14,736	9.3%	0.2%	6,748	4.3%	0.2%

	Total Voters	Total HL	% HL Total	Variance	Total NL	% NL Total	Variance	Total UN	% UN Total	Variance
County	168,692	7,894	4.7%		125,689	74.5%		35,109	20.8%	
5 Min Maj. Plan	31,348	1,804	5.8%	1.1%	22,726	72.5%	-2.0%	6,818	21.7%	0.9%
10 Min Maj. Plan	130,095	6,654	5.1%	0.4%	95,214	73.2%	-1.3%	28,227	21.7%	0.9%
15 Min Maj. Plan	157,945	7,672	4.9%	0.2%	116,888	74.0%	-0.5%	33,385	21.1%	0.3%

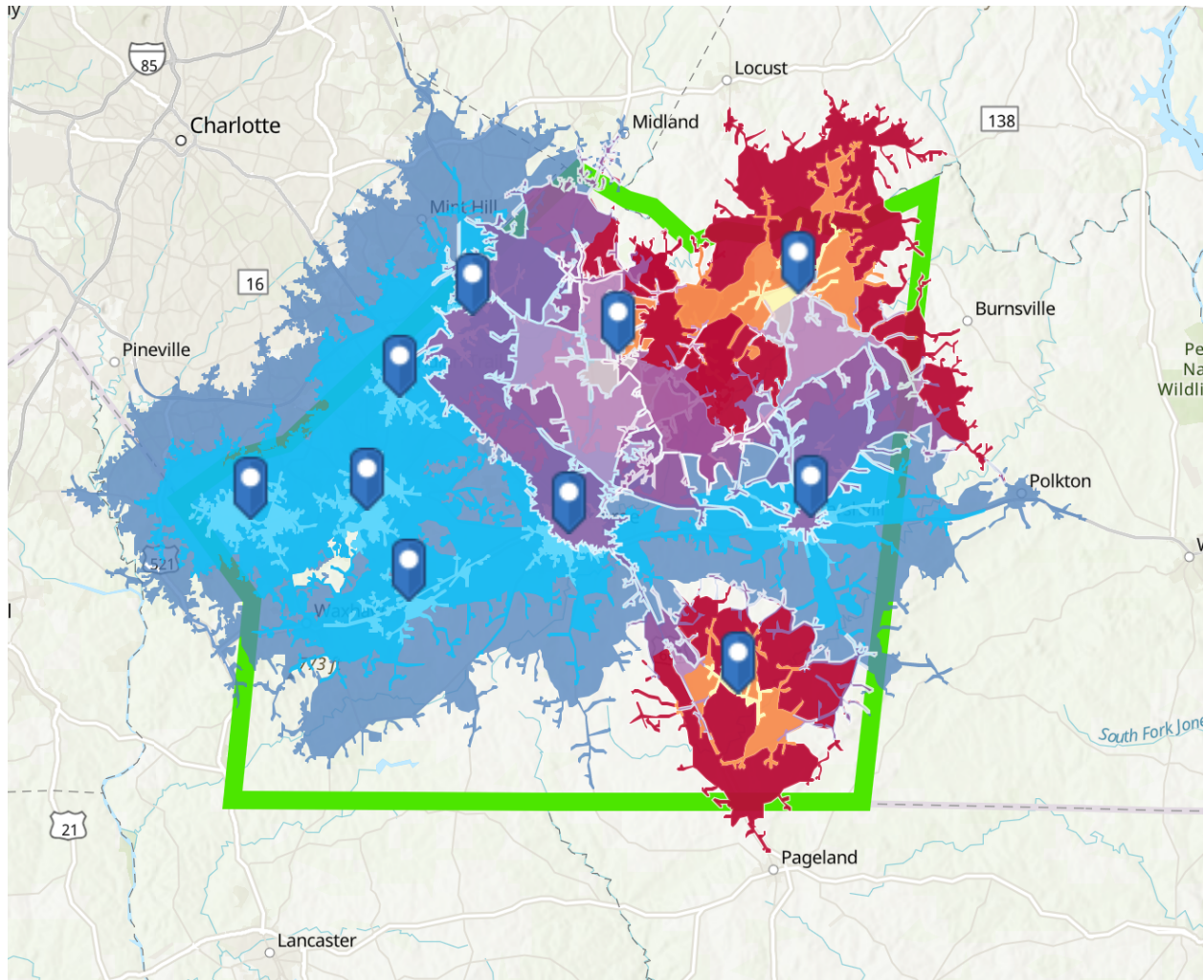
	Total Voters	% of Total
County	168,692	100.0%
5 Min Maj. Plan	31,348	18.6%
10 Min Maj. Plan	130,095	77.1%
15 Min Maj. Plan	157,945	93.6%

Analysis: There are significant gaps in coverage under the majority plan for Union County. The Northeastern and Southeastern portions of the county are almost entirely deprived of reasonable access to early voting facilities.

There is a real cost to travel time in terms of voter likelihood. Various studies have measured increase of voter likelihood to not vote between .64% and 5% per mile that they reside from the voting site. There are very real opportunity and fiscal costs to voting from a greater distance. A 30-minute or more commute combined with time to vote, price at the pump and other, harder to gauge factors, have a significant effect on early voting likelihood.

We have identified three sites, whose addition would allow for almost 97% coverage of Union County for early voting access.

Alternative Plan:



Site Locations:

Site Name	Site Address
Union Baptist Church	4312 Old Pageland Monroe Road, Monroe, NC 28112
Unionville VFD	4919 Unionville Road, 4919 Unionville Road, Monroe, NC 28110
Euto Baptist Church	6019 Highway 205, Marshville, NC 28103

Alternative Plan Coverage:

	Total Voters	Total D	% D Total	Variance	Total R	% R Total	Variance	Total U	% U Total	Variance
County	168,692	39,077	23.16%		68,111	40.38%		60,410	35.81%	
5 Min Maj. Plan	31,348	9,149	29.19%	6.02%	10,818	34.51%	-5.87%	11,199	35.72%	-0.09%
10 Min Maj. Plan	130,095	32,232	24.78%	1.61%	49,002	37.67%	-2.71%	47,998	36.89%	1.08%
15 Min Maj. Plan	157,945	37,550	23.77%	0.61%	62,145	39.35%	-1.03%	57,220	36.23%	0.42%
5 Min Alt Plan	447	63	28.97%	5.81%	257	34.83%	-5.54%	127	35.62%	-0.19%
10 Min Alt Plan	3,150	403	24.49%	1.33%	1,874	38.18%	-2.19%	863	36.67%	0.86%
15 Min Alt Plan	5,573	730	23.41%	0.25%	3,237	39.98%	-0.39%	1,576	35.96%	0.15%

	Total Voters	Total W	% W Total	Variance	Total B	% B Total	Variance	Total A	% A Total	Variance	Total U	% U Total	Variance	Total O	% O Total	Variance
County	168,692	122,286	72.5%		19,190	11.4%		3,566	2.1%		15,409	9.1%		6,937	4.1%	
5 Min Maj. Plan	31,348	19,935	63.6%	-8.9%	5,507	17.6%	6.2%	950	3.0%	0.9%	3,105	9.9%	0.8%	1,565	5.0%	0.9%
10 Min Maj. Plan	130,095	90,897	69.9%	-2.6%	16,426	12.6%	1.3%	3,287	2.5%	0.4%	12,530	9.6%	0.5%	5,872	4.5%	0.4%
15 Min Maj. Plan	157,945	112,936	71.5%	-1.0%	18,750	11.9%	0.5%	3,538	2.2%	0.1%	14,736	9.3%	0.2%	6,748	4.3%	0.2%
5 Min Alt Plan	447	391	63.9%	-8.6%	8	17.3%	6.0%	0	3.0%	0.9%	32	9.9%	0.7%	10	5.0%	0.8%
10 Min Alt Plan	3,150	2,765	70.3%	-2.2%	111	12.4%	1.0%	7	2.5%	-0.6%	193	9.5%	0.4%	56	4.4%	0.3%
15 Min Alt Plan	5,573	4,866	72.0%	-0.4%	219	11.6%	0.2%	11	2.2%	-0.4%	345	9.2%	0.1%	99	4.2%	0.1%

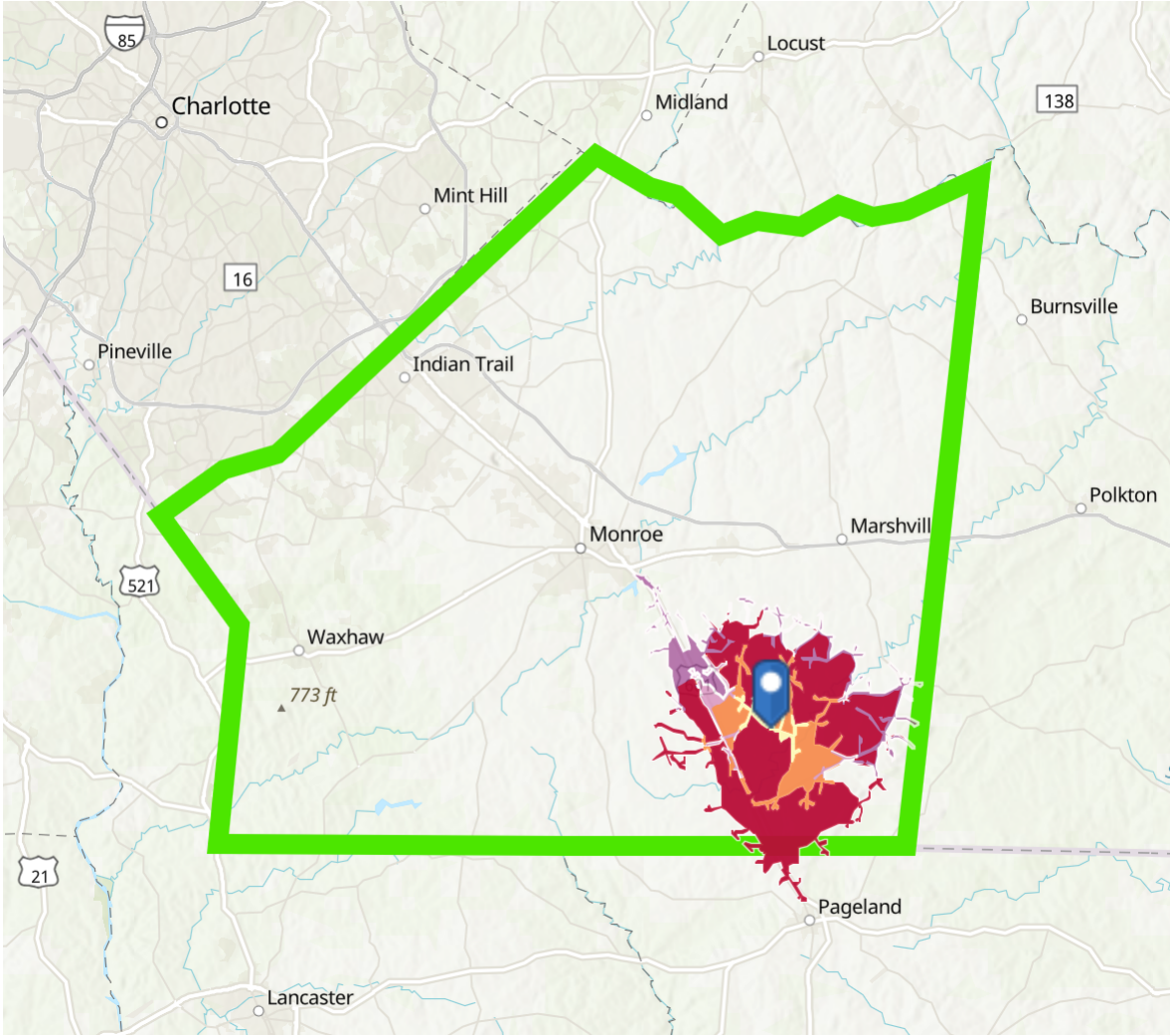
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15 Min Maj. Plan	157,945	7,672	4.9%	0.2%	116,888	74.0%	-0.5%	33,385	21.1%	0.3%
5 Min Alt Plan	447	6	5.7%	1.0%	362	72.6%	-1.9%	79	21.7%	0.9%
10 Min Alt Plan	3,150	71	5.0%	-0.7%	2,597	73.4%	-1.1%	482	21.5%	0.7%
15 Min Alt Plan	5,573	123	4.8%	-0.3%	4,567	74.3%	-0.2%	883	21.0%	0.1%

	Total Voters	% of Total
County	168,692	100.0%
5 Min Maj. Plan	31,348	18.6%
10 Min Maj. Plan	130,095	77.1%
15 Min Maj. Plan	157,945	93.6%
5 Min Alt Plan	31,795	18.8%
10 Min Alt Plan	133,245	79.0%
15 Min Alt Plan	163,518	96.9%

Analysis: We have identified three additional sites that would increase the total coverage county-wide at the fifteen-minute driving mark to almost 97% of the entire county. The sites identified also ensure that voters in the northeastern and southeastern portions of Union County will have reasonable access to early voting.

Alternative Voting Site(s):

Union Baptist Site:



Union Baptist Church	4312 Old Pageland Monroe Road, Monroe, NC 28112
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Union Baptist Site Data:

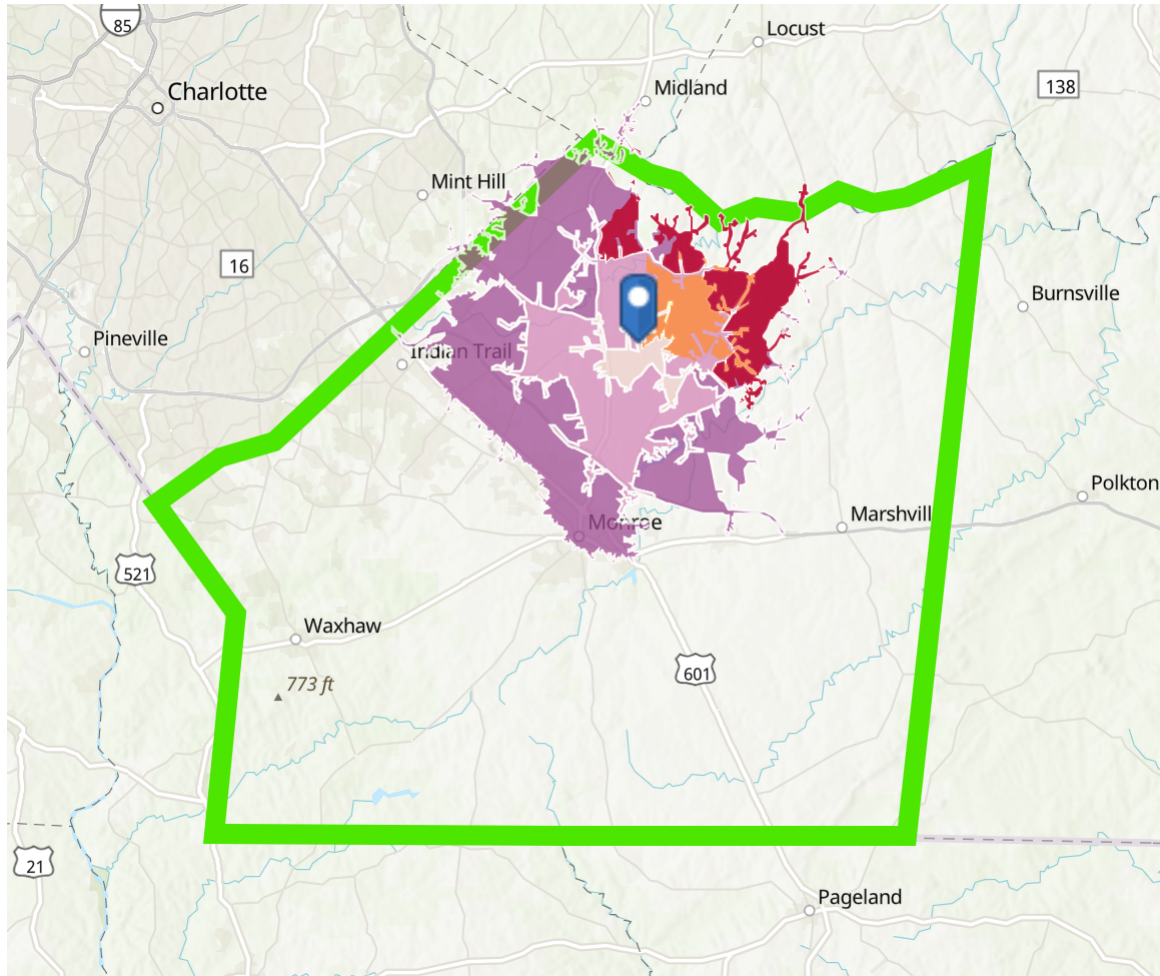
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10 Min Maj. Plan	130,095	32,232	24.78%	1.61%	49,002	37.67%	-2.71%	47,998	36.89%	1.08%
15 Min Maj. Plan	157,945	37,550	23.77%	0.61%	62,145	39.35%	-1.03%	57,220	36.23%	0.42%
5 Min Union Baptist	156	28	29.13%	5.96%	87	34.61%	-5.76%	41	35.68%	-0.13%
10 Min Union Baptist	843	198	24.77%	1.60%	399	37.73%	-2.65%	239	36.84%	1.03%
15 Min Union Baptist	2,194	429	23.72%	0.55%	1,077	39.48%	-0.90%	671	36.15%	0.34%

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5 Min Maj. Plan	31,348	19,935	63.6%	-8.9%	5,507	17.6%	6.2%	950	3.0%	0.9%	3,105	9.9%	0.8%	1,565	5.0%	0.9%
10 Min Maj. Plan	130,095	90,897	69.9%	-2.6%	16,426	12.6%	1.3%	3,287	2.5%	0.4%	12,530	9.6%	0.5%	5,872	4.5%	0.4%
15 Min Maj. Plan	157,945	112,936	71.5%	-1.0%	18,750	11.9%	0.5%	3,538	2.2%	0.1%	14,736	9.3%	0.2%	6,748	4.3%	0.2%
5 Min Union Baptist	156	136	63.7%	-8.8%	5	17.5%	6.1%	0	3.0%	0.9%	8	9.9%	0.7%	6	5.0%	0.9%
10 Min Union Baptist	843	654	69.9%	-2.6%	87	12.6%	1.2%	3	2.5%	-0.5%	60	9.6%	0.5%	34	4.5%	0.4%
15 Min Union Baptist	2,194	1,766	71.6%	-0.9%	187	11.8%	0.4%	6	2.2%	-0.3%	151	9.3%	0.2%	66	4.3%	0.1%

	Total Voters	Total HL	% HL Total	Variance	Total NL	% NL Total	Variance	Total UN	% UN Total	Variance
County	168,692	7,894	4.7%		125,689	74.5%		35,109	20.8%	
5 Min Maj. Plan	31,348	1,804	5.8%	1.1%	22,726	72.5%	-2.0%	6,818	21.7%	0.9%
10 Min Maj. Plan	130,095	6,654	5.1%	0.4%	95,214	73.2%	-1.3%	28,227	21.7%	0.9%
15 Min Maj. Plan	157,945	7,672	4.9%	0.2%	116,888	74.0%	-0.5%	33,385	21.1%	0.3%
5 Min Union Baptist	156	5	5.7%	1.1%	130	72.5%	-2.0%	21	21.7%	0.9%
10 Min Union Baptist	843	40	5.1%	-0.6%	674	73.2%	-1.3%	129	21.7%	0.8%
15 Min Union Baptist	2,194	79	4.8%	-0.3%	1,770	74.1%	-0.4%	345	21.1%	0.3%

	Total Voters	% of Total
County	168,692	100.0%
5 Min Maj. Plan	31,348	18.6%
10 Min Maj. Plan	130,095	77.1%
15 Min Maj. Plan	157,945	93.6%
5 Min Union Baptist	31,504	18.7%
10 Min Union Baptist	130,938	77.6%
15 Min Union Baptist	160,139	94.9%

Unionville Site:



Unionville VFD	4919 Unionville Road, 4919 Unionville Road, Monroe, NC 28110
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Unionville Site Data:

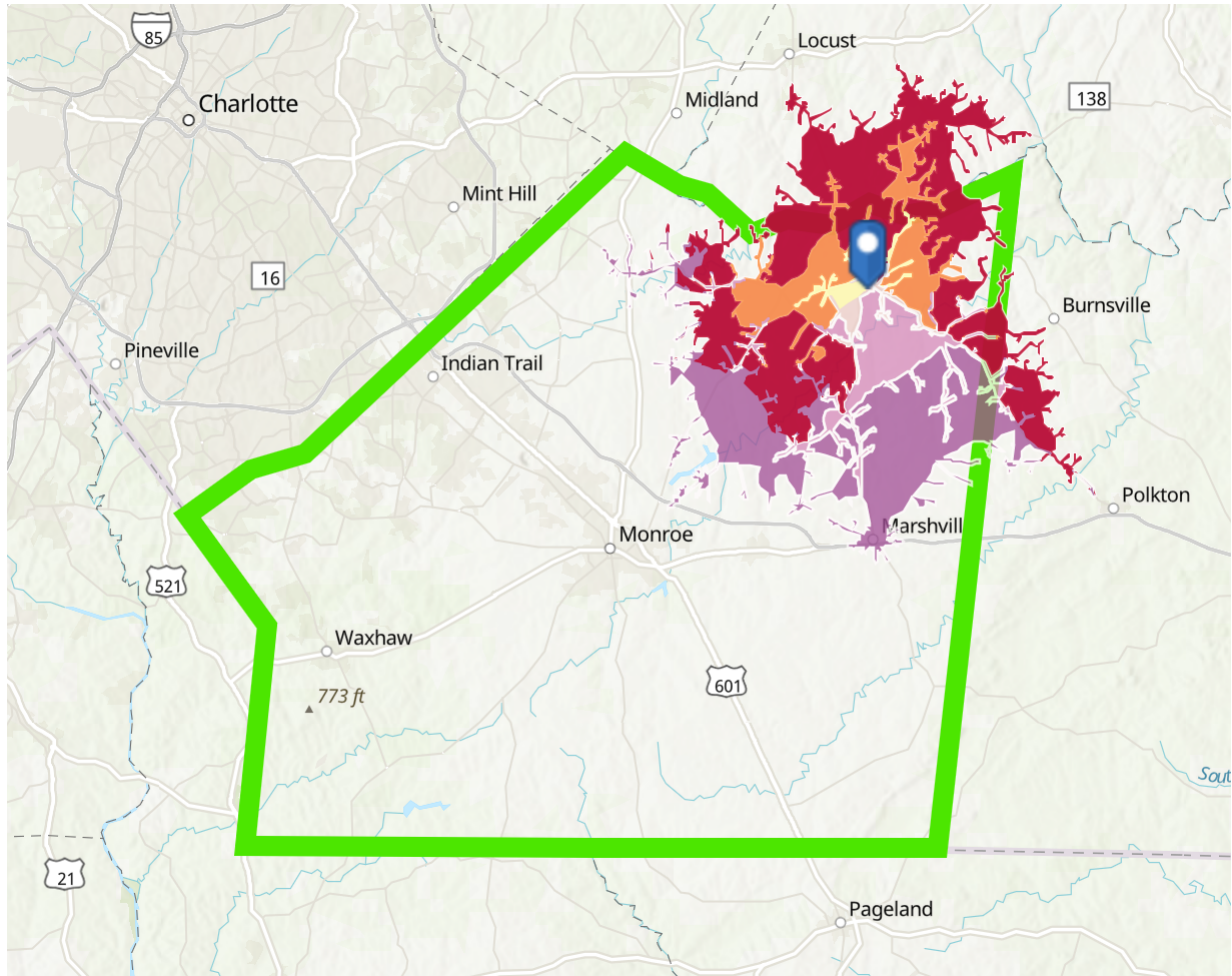
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County	168,692	39,077	23.16%		68,111	40.38%		60,410	35.81%	
5 Min Maj. Plan	31,348	9,149	29.19%	6.02%	10,818	34.51%	-5.87%	11,199	35.72%	-0.09%
10 Min Maj. Plan	130,095	32,232	24.78%	1.61%	49,002	37.67%	-2.71%	47,998	36.89%	1.08%
15 Min Maj. Plan	157,945	37,550	23.77%	0.61%	62,145	39.35%	-1.03%	57,220	36.23%	0.42%
5 Min Unionville	17	0	29.17%	6.00%	8	34.52%	-5.86%	9	35.73%	-0.08%
10 Min Unionville	1,023	75	24.64%	1.47%	672	37.88%	-2.49%	275	36.82%	1.01%
15 Min Unionville	2,260	190	23.56%	0.39%	1,470	39.71%	-0.67%	594	36.09%	0.28%

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5 Min Maj. Plan	31,348	19,935	63.6%	-8.9%	5,507	17.6%	6.2%	950	3.0%	0.9%	3,105	9.9%	0.8%	1,565	5.0%	0.9%
10 Min Maj. Plan	130,095	90,897	69.9%	-2.6%	16,426	12.6%	1.3%	3,287	2.5%	0.4%	12,530	9.6%	0.5%	5,872	4.5%	0.4%
15 Min Maj. Plan	157,945	112,936	71.5%	-1.0%	18,750	11.9%	0.5%	3,538	2.2%	0.1%	14,736	9.3%	0.2%	6,748	4.3%	0.2%
5 Min Unionville	17	16	63.6%	-8.9%	0	17.6%	6.2%	0	3.0%	0.9%	0	9.9%	0.8%	0	5.0%	0.9%
10 Min Unionville	1,023	947	70.0%	-2.4%	7	12.5%	1.2%	4	2.5%	-0.5%	55	9.6%	0.5%	9	4.5%	0.4%
15 Min Unionville	2,260	2,086	71.8%	-0.7%	23	11.7%	0.3%	8	2.2%	-0.3%	61	9.2%	0.1%	15	4.2%	0.1%

	Total Voters	Total HL	% HL Total	Variance	Total NL	% NL Total	Variance	Total UN	% UN Total	Variance
County	168,692	7,894	4.7%		125,689	74.5%		35,109	20.8%	
5 Min Maj. Plan	31,348	1,804	5.8%	1.1%	22,726	72.5%	-2.0%	6,818	21.7%	0.9%
10 Min Maj. Plan	130,095	6,654	5.1%	0.4%	95,214	73.2%	-1.3%	28,227	21.7%	0.9%
15 Min Maj. Plan	157,945	7,672	4.9%	0.2%	116,888	74.0%	-0.5%	33,385	21.1%	0.3%
5 Min Unionville	17	0	5.8%	1.1%	15	72.5%	-2.0%	2	21.7%	0.9%
10 Min Unionville	1,023	16	5.1%	-0.7%	860	73.3%	-1.2%	147	21.6%	0.8%
15 Min Unionville	2,260	31	4.8%	-0.3%	1,880	74.1%	-0.4%	349	21.1%	0.2%

	Total Voters	% of Total
County	168,692	100.0%
5 Min Maj. Plan	31,348	18.6%
10 Min Maj. Plan	130,095	77.1%
15 Min Maj. Plan	157,945	93.6%
5 Min Unionville	31,365	18.6%
10 Min Unionville	131,118	77.7%
15 Min Unionville	160,205	95.0%

Marshville Site:



Euto Baptist Church	6019 Highway 205, Marshville, NC 28103
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Marshville Site Data:

	Total Voters	Total D	% D Total	Variance	Total R	% R Total	Variance	Total U	% U Total	Variance
County	168,692	39,077	23.16%		68,111	40.38%		60,410	35.81%	
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10 Min Maj. Plan	130,095	32,232	24.78%	1.61%	49,002	37.67%	-2.71%	47,998	36.89%	1.08%
15 Min Maj. Plan	157,945	37,550	23.77%	0.61%	62,145	39.35%	-1.03%	57,220	36.23%	0.42%
5 Min Marshville	274	35	29.04%	5.88%	162	34.72%	-5.65%	77	35.66%	-0.15%
10 Min Marshville	1,498	146	24.60%	1.44%	945	37.96%	-2.42%	395	36.77%	0.96%
15 Min Marshville	3,191	283	23.48%	0.31%	2,041	39.83%	-0.54%	846	36.04%	0.22%

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5 Min Maj. Plan	31,348	19,935	63.6%	-8.9%	5,507	17.6%	6.2%	950	3.0%	0.9%	3,105	9.9%	0.8%	1,565	5.0%	0.9%
10 Min Maj. Plan	130,095	90,897	69.9%	-2.6%	16,426	12.6%	1.3%	3,287	2.5%	0.4%	12,530	9.6%	0.5%	5,872	4.5%	0.4%
15 Min Maj. Plan	157,945	112,936	71.5%	-1.0%	18,750	11.9%	0.5%	3,538	2.2%	0.1%	14,736	9.3%	0.2%	6,748	4.3%	0.2%
5 Min Marshville	274	239	63.8%	-8.7%	3	17.4%	6.0%	0	3.0%	0.9%	24	9.9%	0.8%	4	5.0%	0.8%
10 Min Marshville	1,488	1,352	70.1%	-2.4%	17	12.5%	1.1%	4	2.5%	-0.5%	92	9.6%	0.5%	15	4.5%	0.4%
15 Min Marshville	3,181	2,921	71.9%	-0.6%	34	11.7%	0.3%	5	2.2%	-0.3%	178	9.3%	0.1%	31	4.2%	0.1%

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15 Min Maj. Plan	157,945	7,672	4.9%	0.2%	116,888	74.0%	-0.5%	33,385	21.1%	0.3%
5 Min Marshville	274	1	5.7%	1.0%	217	72.6%	-2.0%	56	21.7%	0.9%
10 Min Marshville	1,488	18	5.1%	-0.7%	1,233	73.3%	-1.2%	237	21.6%	0.8%
15 Min Marshville	3,181	31	4.8%	-0.3%	2,640	74.2%	-0.3%	502	21.0%	0.2%

	Total Voters	% of Total
County	168,692	100.0%
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10 Min Maj. Plan	130,095	77.1%
15 Min Maj. Plan	157,945	93.6%
5 Min Marshville	31,622	18.7%
10 Min Marshville	131,583	78.0%
15 Min Marshville	161,126	95.5%

Union County Data:

	Total Voters	Total D	% D Total	Variance	Total R	% R Total	Variance	Total U	% U Total	Variance
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5 Min Maj. Plan	31,348	9,149	29.19%	6.02%	10,818	34.51%	-5.87%	11,199	35.72%	-0.09%
10 Min Maj. Plan	130,095	32,232	24.78%	1.61%	49,002	37.67%	-2.71%	47,998	36.89%	1.08%
15 Min Maj. Plan	157,945	37,550	23.77%	0.61%	62,145	39.35%	-1.03%	57,220	36.23%	0.42%
5 Min Alt Plan	447	63	28.97%	5.81%	257	34.83%	-5.54%	127	35.62%	-0.19%
10 Min Alt Plan	3,150	403	24.49%	1.33%	1,874	38.18%	-2.19%	863	36.67%	0.86%
15 Min Alt Plan	5,573	730	23.41%	0.25%	3,237	39.98%	-0.39%	1,576	35.96%	0.15%

	Total Voters	Total W	% W Total	Variance	Total B	% B Total	Variance	Total A	% A Total	Variance	Total U	% U Total	Variance	Total O	% O Total	Variance
Country	168,692	122,286	72.5%		19,190	11.4%		3,566	2.1%		15,409	9.1%		6,937	4.1%	
5 Min Maj. Plan	31,348	19,935	63.6%	-8.9%	5,507	17.6%	6.2%	950	3.0%	0.9%	3,105	9.9%	0.8%	1,565	5.0%	0.9%
10 Min Maj. Plan	130,095	90,897	69.9%	-2.6%	16,426	12.6%	1.3%	3,287	2.5%	0.4%	12,530	9.6%	0.5%	5,872	4.5%	0.4%
15 Min Maj. Plan	157,945	112,936	71.5%	-1.0%	18,750	11.9%	0.5%	3,538	2.2%	0.1%	14,736	9.3%	0.2%	6,748	4.3%	0.2%
5 Min Alt Plan	447	391	63.9%	-8.6%	8	17.3%	6.0%	0	3.0%	0.9%	32	9.9%	0.7%	10	5.0%	0.8%
10 Min Alt Plan	3,150	2,765	70.3%	-2.2%	111	12.4%	1.0%	7	2.5%	-0.6%	193	9.5%	0.4%	56	4.4%	0.3%
15 Min Alt Plan	5,573	4,866	72.0%	-0.4%	219	11.6%	0.2%	11	2.2%	-0.4%	345	9.2%	0.1%	99	4.2%	0.1%

	Total Voters	Total HL	% HL Total	Variance	Total NL	% NL Total	Variance	Total UN	% UN Total	Variance
Country	168,692	7,894	4.7%		125,689	74.5%		35,109	20.8%	
5 Min Maj. Plan	31,348	1,804	5.8%	1.1%	22,726	72.5%	-2.0%	6,818	21.7%	0.9%
10 Min Maj. Plan	130,095	6,654	5.1%	0.4%	95,214	73.2%	-1.3%	28,227	21.7%	0.9%
15 Min Maj. Plan	157,945	7,672	4.9%	0.2%	116,888	74.0%	-0.5%	33,385	21.1%	0.3%
5 Min Alt Plan	447	6	5.7%	1.0%	362	72.6%	-1.9%	79	21.7%	0.9%
10 Min Alt Plan	3,150	71	5.0%	-0.7%	2,597	73.4%	-1.1%	482	21.5%	0.7%
15 Min Alt Plan	5,573	123	4.8%	-0.3%	4,567	74.3%	-0.2%	883	21.0%	0.1%

	Total Voters	% of Total
Country	168,692	100.0%
5 Min Maj. Plan	31,348	18.6%
10 Min Maj. Plan	130,095	77.1%
15 Min Maj. Plan	157,945	93.6%
5 Min Alt Plan	31,795	18.8%
10 Min Alt Plan	133,245	79.0%
15 Min Alt Plan	163,518	96.9%