Verification Data Report



Reapportionment of Oakland County Board of Commissioners

Plan Name: <u>Cooper</u>

Prepared by: <u>Jessica Cooper Oakland County Prosecutor</u>

Submission Date: <u>04/18/2011</u>

Validation Date: 04/19/2011

Validated By: Ronald Crank Jr. Plat & Boundary Specialist

1. Run "Population Summary Report (Legal)".

a. All districts shall be single-member districts and be as nearly of equal population as is practicable.

Number Districts	Median Population	Low Populated	Dist. #	Deviation	High Populated	Dist. #	Deviation	Total Deviation
25	48,094	47,111	15	-2.04	49,449	6	2.82	4.9

2. Run "Check Plan Errors" report.

- a. This Verify Plan tool allows you to check your current plan for errors in contiguity, unassigned, areas, and split features.
 - i. Number of dis-contiguous Districts 0
 - ii. Number of unassigned Precincts 0



Dis-contiguous	Districts	
District	Dis-contiguous Yes/No	Precincts involved
1	N	
2	N	
3	N	
4	N	
5	N	
6	N	
7	N	
8	N	
9	N	
10	N	
11	N	
12	N	
13	N	
14	N	
15	N	
16	N	
17	N	
18	N	
19	N	
20	N	
21	N	
22	N	
23	N	
24	N	
25	N	
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		

	cincts		
cinct #	CVT Location	Adjacent Districts	Comments
		,	
/4	î,		
	1// ^		
	- N A		
	91/8		
	0	11/2	
		7/6	
			-01V/A
			\(\)

3. Run "Identify Splits" report, then "Split Geography" and "Split Geography by Geography" reports.

- a. This Identify Splits tool allows you to create a layer identifying the census data (precincts) which are split by the current District configuration. (Precincts shall be divided only if necessary to meet the population standard).
 - i. Number of split Precincts

plit Precinc	ts		
Precinct #	CVT Location	Adjacent Districts	Comments
18	Bloomfield Twp.	16 & 20	
	·		
6	Oakland Twp.	1 & 3	
2	City of Troy	12 & 13	
3	City of Troy	12 & 13	
21	City of Troy	19 & 24	
27	City of Troy	19 & 24	
31	City of Troy	12 & 20	

4. Run "Compactness Analysis" and "Compact Analysis (Legal)" reports.

- a. All districts shall be as compact and of as nearly square as is practicable, depending on the geography of the county area involved.
- Before running any of the above reports; in Analysis Tools select and run
 Compactness Analysis function. (Make sure all districts are checked, and all defined measures are checked. Leave User Defined unchecked.)

District	Polsby Me	ethod	Scwartzb	erg	Ehrenbe	rg	Compact
	Value	As a %	Value	As a %	Value	As a %	Yes/No
1	.39	38.9	.76	78.7	.19	19.4	
2	.61	60.9	.99	98.9	.28	27.8	
3	.49	49.3	.86	85.6	.28	28.5	
4	.61	61.2	.97	97.3	.42	42.4	
5	.37	37.0	.86	86.1	.31	30.8	
6	.67	67.4	1.00	99.6	.31	31.5	
7	.58	58.2	.92	92.4	.34	33.9	
8	.62	62.1	.93	92.9	.42	42.3	
9	.51	51.0	.82	81.5	.28	28.4	
10	.21	20.8	.70	69.8	.26	25.8	
11	.39	39.4	.85	85.2	.29	28.8	
12	.37	37.3	.66	65.9	.25	24.8	
13	.73	72.5	.97	96.8	.37	36.7	
14	.37	37.3	.70	70.0	.32	32.5	
15	.50	50.2	.90	89.9	.35	34.8	
16	.35	34.7	.82	81.7	.19	19.4	
17	.32	32.0	.81	81.2	.14	13.7	
18	.39	39.0	.75	74.8	.26	25.7	
19	.34	33.7	.72	72.3	.28	28.0	
20	.44	43.7	.84	83.9	.36	35.6	
21	.36	35.9	.78	78.0	.19	18.6	
22	.53	52.9	.92	92.1	.38	38.3	
23	.53	52.7	.88	87.6	.30	30.2	
24	.48	48.1	.85	85.5	.28	27.9	
25	.45	45.0	.83	83.2	.29	28.6	
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
2010 High	.73	72.5	1.00	99.6	.42	42.4	
2010 Low	.21	20.8	.66	65.9	.14	13.7	
Average	.46	46.4	.84	84.4	.29	29.4	
2000 High	.62	62.5	.99	99.3	.42	41.5	Υ
2000 Low	.24	24.0	.61	61.3	.14	13.8	Υ
200 Ave	.42	41.53	.81	80.6	.27	27.1	

5. Print Map and Identify District Township and City Distribution.

- a. No township or part thereof shall be combined with any city of part thereof, for a single district, unless such combination is needed to meet the population standard.
 - i. Number of districts with combined townships and cities

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District CVT	Assignment				
District	Complete	Partial	Complete	Partial	Township/City
	Townships	Townships	Cities	Cities	Combination
1	3	1	0	0	
2	3	1	0	0	
3	1	1	0	1	X
4	1	1	1	0	X
5	0	1	0	0	
6	3	0	0	0	
7	1	0	1	0	Х
8	1	1	2	1	Х
9	1	0	1	1	Х
10	0	2	0	1	Х
11	0	0	2	1	
12	0	0	0	2	
13	0	0	1	1	
14	0	0	1	2	
15	0	0	0	1	
16	0	2	3	0	Х
17	0	2	0	0	
18	0	0	0	1	
19	0	0	1	1	
20	0	1	2	1	Х
21	0	1	2	1	Х
22	1	0	2	1	Х
23	0	1	0	1	Х
24	0	0	1	1	
25	0	0	3	1	
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
Total					11

6. From Printed Map Identify Whole and Split Townships and Cities.

a. Townships, Villages, or Cities shall be divided if necessary to meet the population standard.

Number of whole Townships	15
Number of whole Cities	24
Number of split Townships	6
Number of split Cities	7
Number of Township Splits	8
Number of City Splits	12

Township & City (Complete	ness Re	port				
Township	Whole	Split	No. Splits	City	Whole	Split	No. Splits
Holly	Х			Clarkston	Х		
Groveland	Х			Pontiac		Х	1
Brandon	Х			Lake Angelus	Х		
Oxford	Х			Auburn Hills	Х		
Addison	Х			Rochester Hills		Х	2
Oakland		Х	1	Rochester	Х		
Orion	Х			Troy		Х	3
Independence	Х			Bloomfield Hills	X		
Springfield	Х			Birmingham	Х		
Rose	Х			Sylvan Lake	Х		
Highland	Х			Keego Harbor	Х		
White Lake	Х			Orchard Lake	Х		
Waterford		Х	2	Walled Lake	Х		
Bloomfield		Х	2	Wixom	Х		
West Bloomfield		Х	1	South Lyon	Х		
Commerce	Х			Novi		Х	2
Milford		Х	1	Northville	Х		
Lyon	Х			Farmington Hills		Х	1
Novi	Х			Farmington	Х		
Southfield		Х	1	Southfield		Х	2
Royal Oak	Х			Lathrup Village	Х		
				Oak Park	Х		
				Royal Oak		Х	1
				Berkley	Х		
				Huntington Woods	Х		
				Pleasant Ridge	Х		
				Ferndale	Х		
				Hazel Park	Х		
				Madison Heights	Х		
				Clawson	Х		
				Fenton	Х		
Total	15	6	8	Total	24	7	12

7.	Residents of state institutions who cannot by law register in the county as electors shall
	be excluded from any consideration of representation.

- 8. Districts shall not be drawn to effect political advantage.
- 9. <u>Run "Summary Majority Minority", "Racial Demographics" and Voting Age Minority</u> Population Report(Legal)" reports.
 - a. At least 3 (three) districts shall be created to represent a minority population base.

Total Population	Total All Minority's Percent	Total Voter Population	Voter Black Minority Percent
47,798	74.67	38,141	67.4
47,468	62.37	35,749	57.1
47,917	59.63	36,038	36.1
47,679	57.01	35,902	36.6
	47,798 47,468 47,917	Population Percent 47,798 74.67 47,468 62.37 47,917 59.63	Population Percent Population 47,798 74.67 38,141 47,468 62.37 35,749 47,917 59.63 36,038

Ronald	J. Crank Jr.
Department:	Oakland County Clerk/Register of Deeds Plat Engineering

If plan cannot be verified please indicate the reason and describe corrective action:

Verified by: