# **Verification Data Report**



# **Reapportionment of Oakland County Board of Commissioners**

Plan Name: <u>Cooper Amendment 1</u>

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

Submission Date: <u>04/20/2011</u>

Validation Date: <u>04/21/2011</u>

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	47,169	23	-1.92	49,449	6	2.82	4.7

### 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// ^		
	<b>N</b> (0)		
	91/8		
	6//	<b>A</b>	
		7/6	
			~/// <sub>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</sub>
			<del>\(\)</del>

# 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

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cVT Location of Troy st Bloomfield Twp. of Southfield of Southfield	19 & 24 16 & 17 21 & 23	Comments
st Bloomfield Twp.	19 & 24 16 & 17 21 & 23	
of Southfield	21 & 23	
	21 & 23	
ford Twp.	2 & 8	
		_

### 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	39.0	.76	75.8	.19	19.4	
2	.62	61.6	.99	98.7	.27	27.4	
3	.49	49.3	.85	85.4	.28	28.4	
4	.61	61.2	.97	97.3	.42	42.4	
5	.37	37.0	.86	86.1	.31	30.8	
6	.67	67.4	1.0	99.6	.31	31.5	
7	.58	58.2	.92	92.4	.34	33.9	
8	.58	58.0	.91	90.8	.42	42.0	
9	.55	54.8	.88	87.8	.30	30.5	
10	.51	51.0	.87	86.6	.38	37.6	
11	.19	19.0	.64	63.6	.22	22.0	
12	.37	36.7	.68	68.4	.25	24.7	
13	.59	58.8	.89	88.7	.30	30.5	
14	.51	51.0	.83	83.5	.36	36.0	
15	.43	42.7	.80	79.8	.22	22.4	
16	.22	22.3	.65	65.3	.14	13.8	
17	.30	30.2	.73	73.1	.20	19.5	
18	.39	39.0	.75	74.8	.26	25.7	
19	.34	33.7	.72	72.3	.28	28.0	
20	.41	41.4	.76	76.3	.30	29.7	
21	.34	34.3	.72	72.5	.23	22.5	
22	.54	53.8	.90	89.9	.37	37.1	
23	.26	26.3	.67	66.9	.15	14.5	
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	.67	67.4	1.0	99.6	.42	42.4	
2010 Low	.19	19.0	.64	63.6	.14	13.8	
Average	.45	44.8	.82	81.8	.28	28.3	
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.

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i. Number of districts with combined townships and cities

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	X	
8	1	1	2	1	X	
9	1	0	1	1	X	
10	0	1	0	1	X	
11	0	1	2	1	X	
12	0	0	0	2		
13	0	0	1	1		
14	0	0	1	2		
15	0	1	0	1	X	
16	0	2	4	0	X	
17	0	3	0	0		
18	0	0	0	1		
19	0	0	1	1		
20	0	2	1	1	X	
21	0	0	1	2		
22	1	0	2	2	X	
23	0	0	0	2		
24	0	0	1	1		
25	0		3	1		
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
Total						

# 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.
- **b.** SEE TABLES NEXT PAGE.

Number of whole Townships	15
Number of whole Cities	23
Number of split Townships	6
Number of split Cities	8

Township & City Co	mpleteness	Report			
Township	Whole	Split	City	Whole	Split
Holly	Х		Clarkston	Х	
Groveland	Х		Pontiac		X
Brandon	Х		Lake Angelus	Х	
Oxford	Х		Auburn Hills	Х	
Addison	Х		Rochester Hills		X
Oakland		Х	Rochester	Х	
Orion	Х		Troy		X
Independence	Х		Bloomfield Hills	Х	
Springfield	Х		Birmingham	Х	
Rose	Х		Sylvan Lake	X	
Highland	Х		Keego Harbor	Х	
White Lake	Х		Orchard Lake	Х	
Waterford		Х	Walled Lake	Х	
Bloomfield		Х	Wixom	Х	
West Bloomfield		Х	South Lyon	Х	
Commerce	Х		Novi		Х
Milford		Х	Northville	Х	
Lyon	Х		Farmington Hills		Х
Novi	Х		Farmington	Х	
Southfield		Х	Southfield		Х
Royal Oak	Х		Lathrup Village	Х	
			Oak Park	Х	
			Royal Oak		Х
			Berkley		Х
			Huntington Woods	X	
			Pleasant Ridge	X	
			Ferndale	Х	
			Hazel Park	Х	
			Madison Heights	Х	
			Clawson	X	
			Fenton	X	
Total	15	6	Total	23	8

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. Run "Summary Majority Minority", "Racial Demographics" and Voting Age Minority Population Report(Legal)" reports.
  - a. At least 3 (three) districts shall be created to represent a minority population base.

District Number	Total Population	Total All Minority's Percent	Total Voter Population	Voter Black Minority Percent
10	48,932	72.78	36,116	52.3
23	47,169	59.81	37,680	51.1
22	48,497	57.89	36,655	52.1
21	47,180	57.65	36,903	51.1

Verified by:						
Ronald	l J. Crank Jr.					
Department:	partment: Oakland County Clerk/Register of Deeds Plat Engineering					
f plan cannot be verified please indicate the reason and describe corrective action:						