

**From:** [billhickskn@gmail.com](mailto:billhickskn@gmail.com)  
**To:** [OE.Elections.Reapportionment](#)  
**Subject:** [EXTERNAL] Alternative Oahu House and Senate Redistricting Proposals  
**Date:** Monday, November 1, 2021 2:07:47 AM  
**Attachments:** [Bill Hicks Oahu House Redistricting Proposal vs Current House.pdf](#)  
[Bill Hicks Oahu Senate Redistricting Proposal vs Current Senate.pdf](#)  
[Bill Hicks Oahu House Redistricting Proposal with Mililani Excursion.pdf](#)

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Aloha Oahu Advisory Council Members...

I request that the Reapportionment Commission establish both Ka'ena Point and Makapu'u Point as boundaries for House and Senate districts.

Significant public testimony registered displeasure that the Enchanted Lake community in Kailua, the Portlock community in Hawaii Kai, and a significant part of Manoa Valley would all be split between two House districts, diluting the voices of Kailua, Hawaii Kai, and Manoa. Additionally, Waimanalo community concerns were raised about the complexity of becoming linked with Hawaii Kai (Portlock) in addition to Kailua.

In response, I constructed a House redistricting proposal to see if each of these communities could be kept together, using both Ka'ena Point and Makapu'u Point as boundaries, and as anchors HD 17 (East Oahu), HD 51 (Windward Oahu), and HD 44 (Leeward Oahu) and found that they can be kept together. In the process I discovered the population deviations between all of the Oahu districts could also be significantly reduced.

I followed the rules for compact contiguous districts as much as possible. I used mountain ridges, highways, and streams as district boundaries as much as possible. I kept neighborhoods intact as much as possible; examples:

Lanikai/Enchanted Lake/Waimanalo kept intact as HD51 -- virtually identical to the current district (59 people moved)  
Hawaii Kai kept intact as HD17 -- 1,751 people added using the west edge of Hawaii Kai  
Manoa kept intact as HD23 -- all of Manoa Valley is kept as one

This plan has better population balance vs. the Commission's technical group proposal:  
24 Districts 0 +/- .99% (vs. only 6 Districts)  
11 Districts > 0.99% but less than 1.40% (vs. only 2 Districts)  
0 Districts > 1.40% (vs. 27 Districts)  
Total deviation 2.65% (-1.25% to 1.40%) versus 8.54% (-4.30% to 4.24%)

I only looked at making the districts compact, contiguous, geographically consistent, and as equal in population as possible; there was no political calculus involved.

I then did the same thing for Senate districts, with similar results: Lanikai/Enchanted Lake/Waimanalo kept intact, Hawaii Kai kept intact, Manoa kept intact, while achieving better population balance with 16 districts having deviation <1%, and the remaining district had 1.07% deviation.

I then heard about complaints of Mililani being split between too many House districts. So I constructed a modified Mililani Excursion House plan which has all of Mililani Town in a single district and also Mililani Mauka & Waipio Acres in a single district, while retaining all of the benefits of my first House plan (Kailua, Hawaii Kai, Manoa, tighter deviation, more compact districts).

Each of these three plans (House, Senate, and House with Mililani Excursion) have been submitted and can be found at <https://redistricting.hawaii.esriemcs.com> (Open Plan > Shared Plan > Everyone).

I have attached briefs with detailed maps for each district for each of these three plans.

I hope these proposals can be used as a starting point for further development by the Commission in not mixing East Oahu and Windward Oahu communities within a district and keeping more communities together.

Mahalo nui loa for considering my suggestions!

Aloha,  
Bill Hicks, Kailua

# Alternative Oahu House Reapportionment Proposal

Bill Hicks

October 23, 2021

During the State of Hawaii Reapportionment Commission meeting on October 14, 2021 public testimony was received and Proposed Legislative Redistricting Plans by the Technical Committee Permitted Interaction Group were presented.

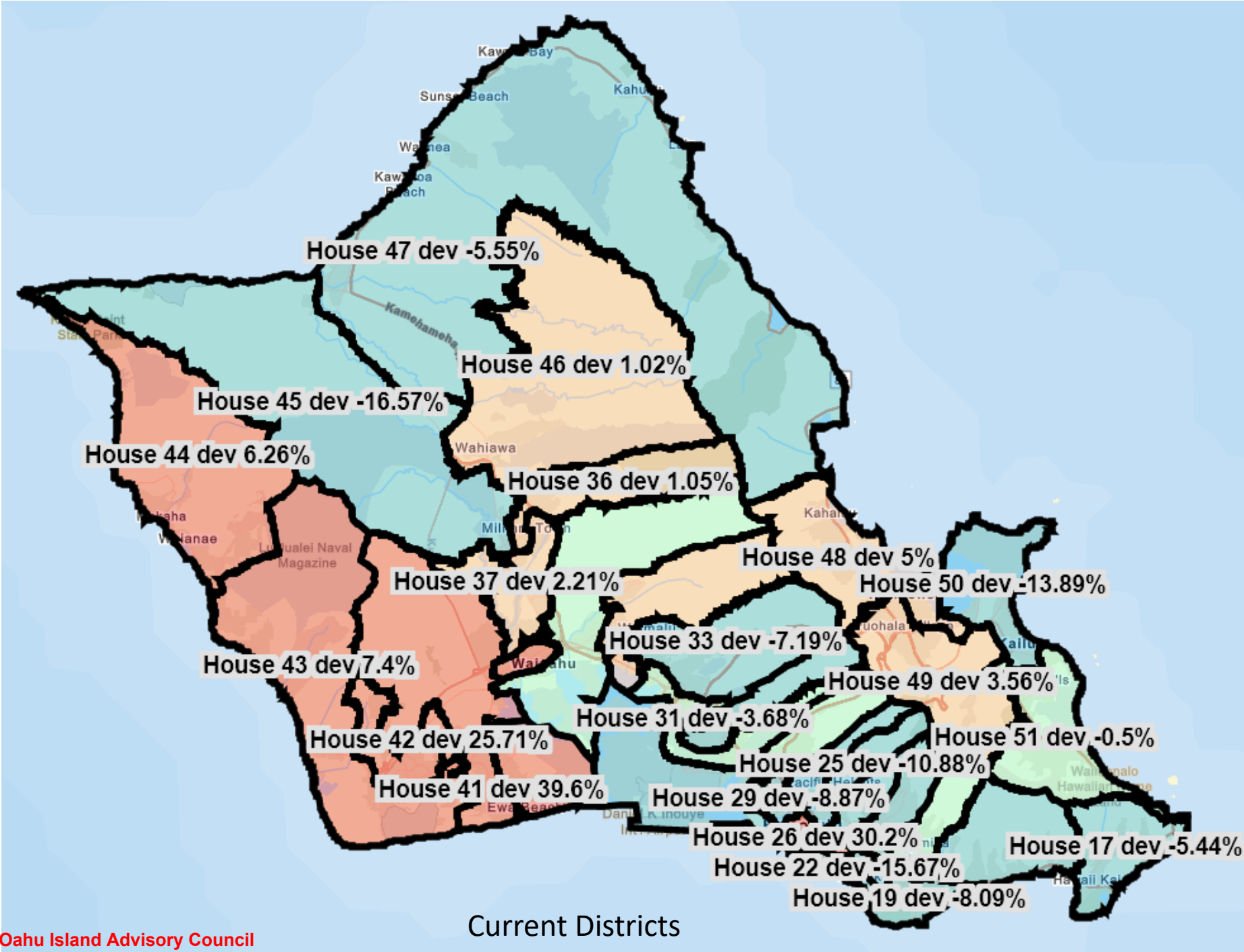
Some of the public testimony included displeasure that the Enchanted Lake community in Kailua, the Portlock community in Hawaii Kai, and a significant part of Manoa Valley would all be split between two house districts, diluting the voices of Kailua, Hawaii Kai, and Manoa. Additionally, Waimanalo community concerns were raised about the complexity of becoming linked with Hawaii Kai (Portlock) in addition to Kailua.

I constructed a redistricting proposal to see if each of these communities could be kept together, using both Ka'ena Point and Makapu'u Point as boundaries, and as anchors HD 17 (East Oahu), HD 51 (Windward Oahu), and HD 44 (Leeward Oahu). In the process I discovered the population deviations between the districts could also be significantly reduced.

I hope this proposal can be used as a starting point for further development in keeping more communities together. It was submitted and can be found at <https://redistricting.hawaii.esriemcs.com> (Open Plan > Shared Plan > Everyone).

Plan Name	Owner	Description	Created	Last Modified
Bill Hicks Oahu House Redistricting Proposal	Bill75	I attempted to better level the Oahu House District populations while trying to keep neighborhoods together (incl. Enchanted Lake, Hawaii Kai, Manoa, etc.) and achieved 24 districts with 0 +/- 0.99% and 11 districts with 1.00% to +1.40% or -1.25% maximum for a total deviation of 2.65% (compared with 8.54% for the Commission TG plan). Anchors are HDs 17 (East Oahu), 51 (Windward), and 44 (Leeward). HD 32 relocated to Leeward Oahu.	2021-10-23 12:52	2021-10-23 12:52



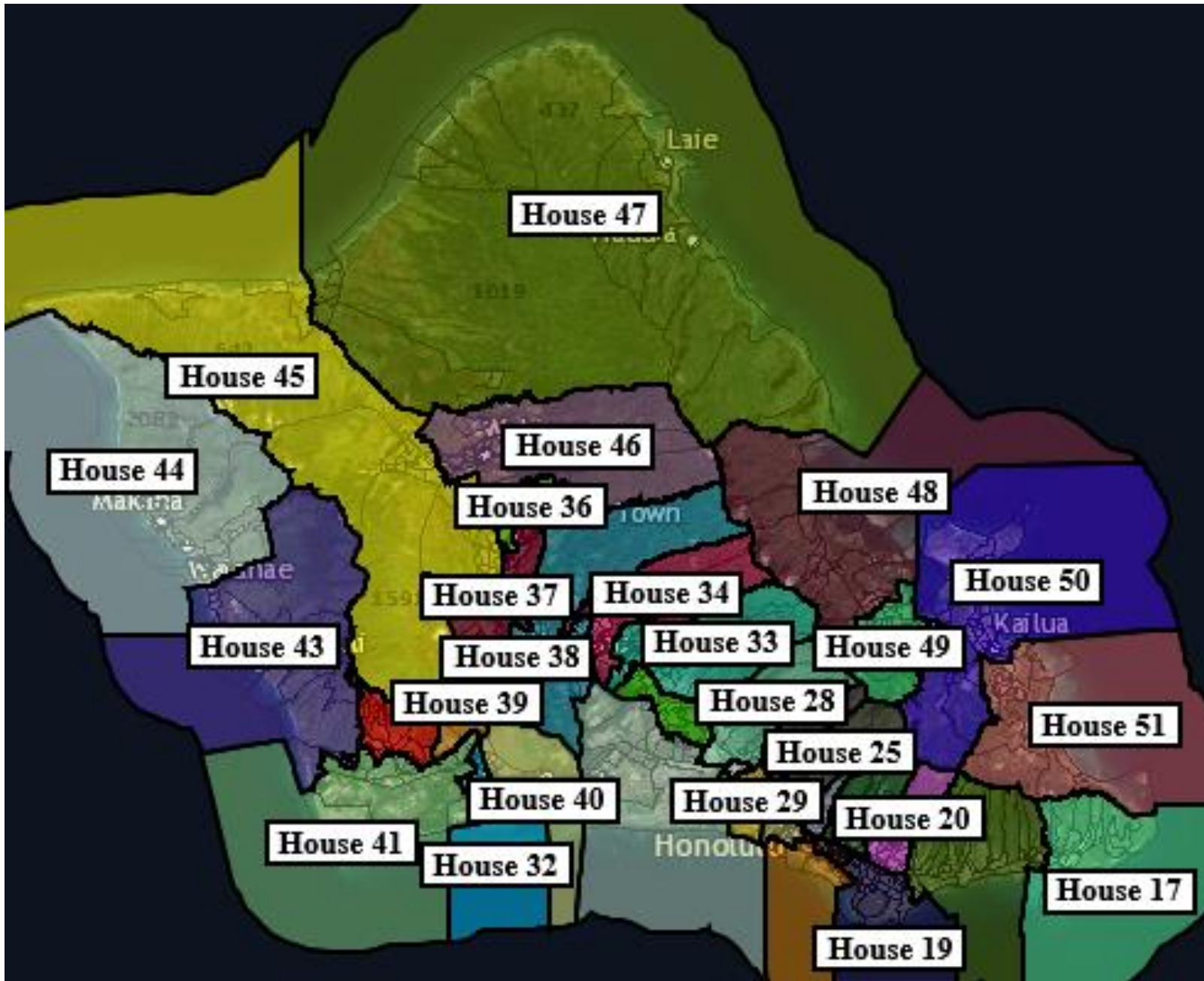


Current Districts		
17	-1471	-5.44%
18	-1984	-7.34%
19	-2186	-8.09%
20	-263	-0.97%
21	-3221	-11.92%
22	-4236	-15.67%
23	-3097	-11.46%
24	-2162	-8.00%
25	-2940	-11.88%
26	-8163	-30.20%
27	-1543	-5.71%
28	-1148	-4.25%
29	-2396	-8.87%
30	-4129	-15.28%
31	-994	-3.68%
32	-2062	-7.63%
33	-1943	-7.19%
34	367	1.36%
35	-257	-0.95%
36	285	1.05%
37	596	2.21%
38	4094	15.15%
39	6926	25.63%
40	1533	5.67%
41	10703	39.60%
42	6948	25.71%
43	1999	7.40%
44	1691	6.26%
45	-4477	-16.57%
46	276	1.02%
47	-1499	-5.55%
48	1350	5.00%
49	963	3.56%
50	-3753	-13.89%
51	-134	-0.50%



Proposed Districts

17	1018	3.77%
18	1043	3.86%
19	613	2.27%
20	955	3.53%
21	723	2.68%
22	532	1.97%
23	-1047	-3.87%
24	-921	-3.41%
25	-380	-1.41%
26	-713	-2.64%
27	-1002	-3.71%
28	-968	-3.58%
29	-813	-3.01%
30	-897	-3.32%
31	-892	-3.30%
32	542	2.01%
33	243	0.90%
34	-1030	-3.81%
35	285	1.05%
36	-924	-3.42%
37	-480	-1.78%
38	-85	-0.31%
39	-146	-0.54%
40	-209	-0.77%
41	530	1.96%
42	85	0.31%
43	-8	-0.03%
44	-1162	-4.30%
45	702	2.60%
46	276	1.02%
47	1146	4.24%
48	786	2.91%
49	901	3.33%
50	504	1.86%
51	792	2.93%



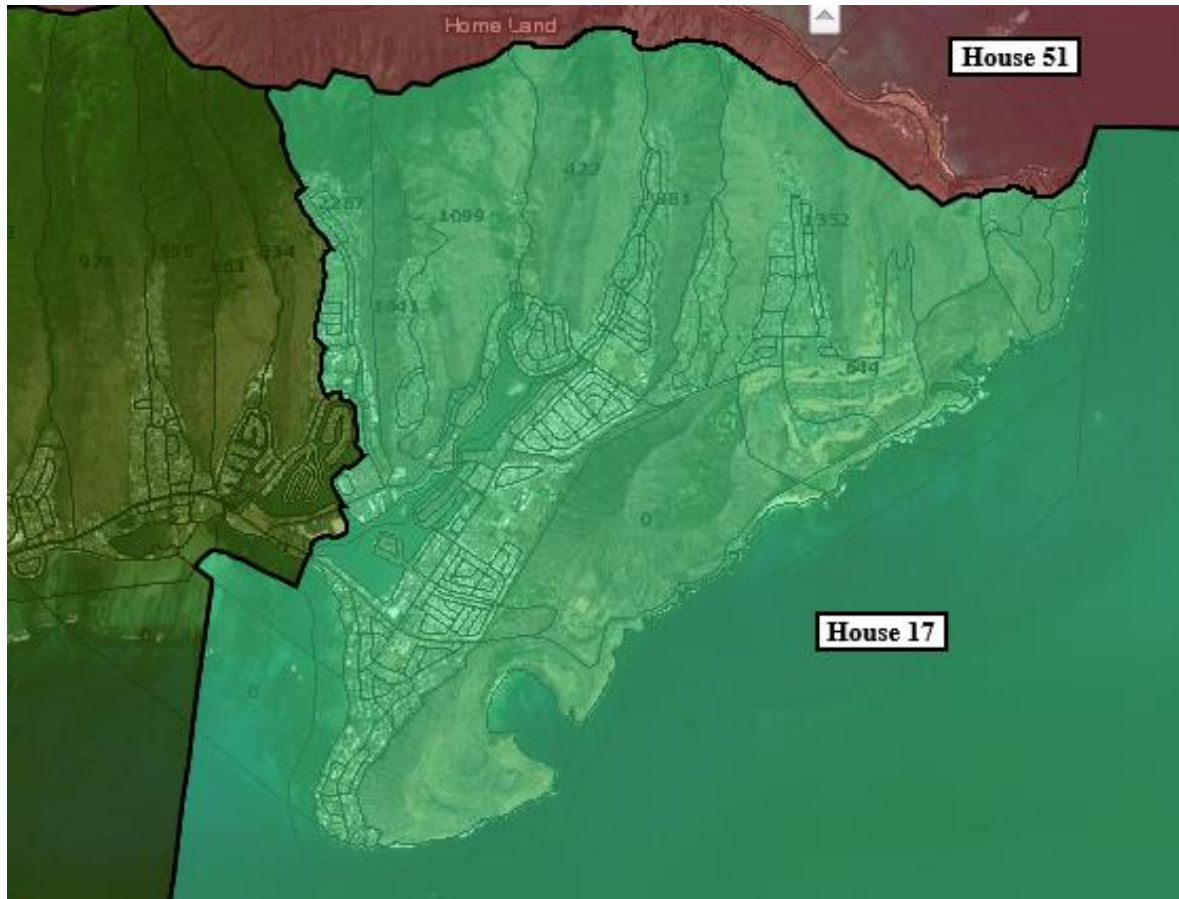
# Bill Hicks' Proposed Districts

17	280	1.04%
18	94	0.35%
19	229	0.85%
20	-263	-0.97%
21	-319	-1.18%
22	-130	-0.48%
23	359	1.33%
24	96	0.36%
25	331	1.22%
26	290	1.07%
27	379	1.40%
28	-228	-0.84%
29	314	1.16%
30	-146	-0.54%
31	44	0.16%
32	38	0.14%
33	9	0.03%
34	129	0.48%
35	-114	-0.42%
36	-48	-0.18%
37	42	0.16%
38	4	0.01%
39	34	0.13%
40	12	0.04%
41	22	0.08%
42	-6	-0.02%
43	135	0.50%
44	115	0.43%
45	-84	-0.31%
46	-274	-1.01%
47	-316	-1.17%
48	-274	-1.01%
49	-225	-0.83%
50	-337	-1.25%
51	-193	-0.71%



# Four Anchor Districts, More Intact Neighborhoods, and Better Population Balance

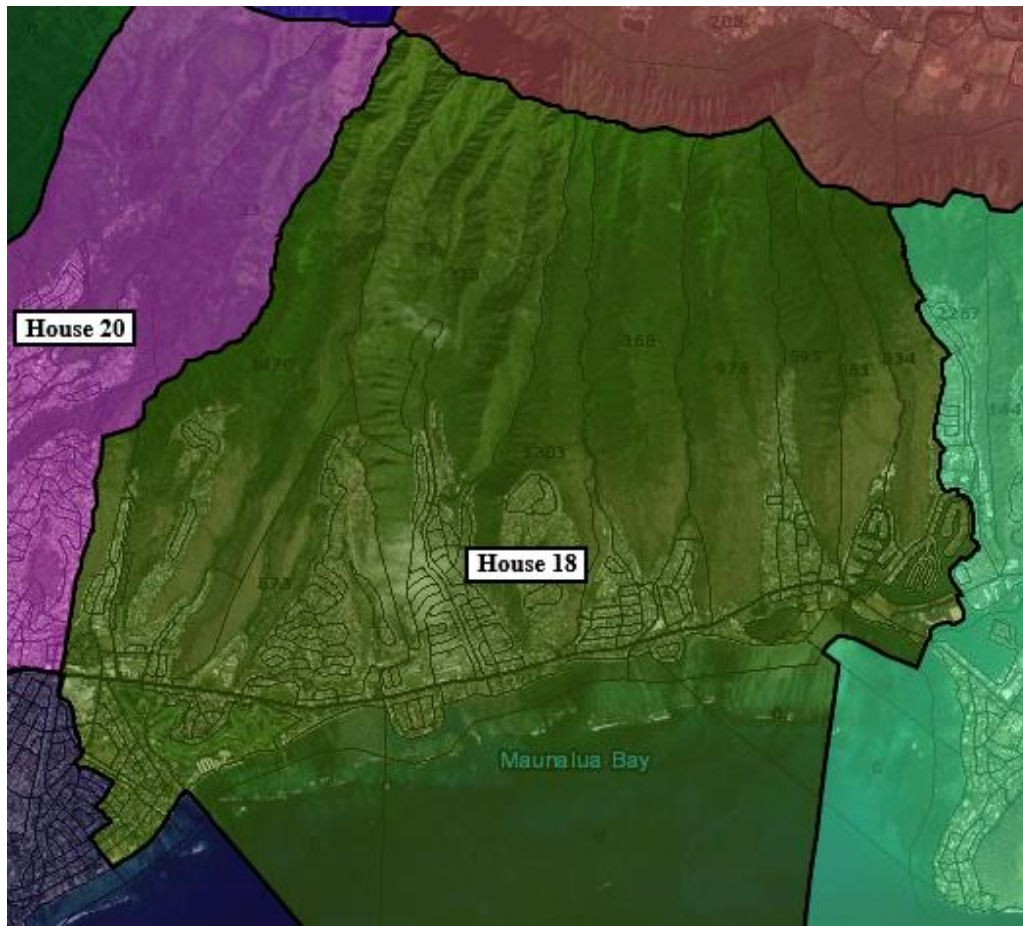
- This alternative plan uses 4 anchor districts:
  - District 17 East Oahu
  - District 44 Leeward Oahu
  - District 45 North Shore
  - District 51 Windward Oahu
- District 32 is relocated from East Oahu to Leeward Oahu
- This plan uses mountain ridges, highways, and streams as district boundaries as much as possible
- This plan keeps neighborhoods intact as much as possible; examples:
  - Lanikai/Enchanted Lake/Waimanalo kept intact as HD51
  - Hawaii Kai kept intact as HD17
  - Manoa kept intact as HD23
- This plan has better population balance
  - 24 Districts 0 +/- .99% (vs. only 6 Districts)
  - 11 Districts > 0.99% but less than 1.40% (vs. only 2 Districts)
  - 0 Districts > 1.40% (vs. 27 Districts)
  - Total worst case variance 2.65% (-1.25% to 1.40%) versus 8.54% (-4.30% to 4.24%)



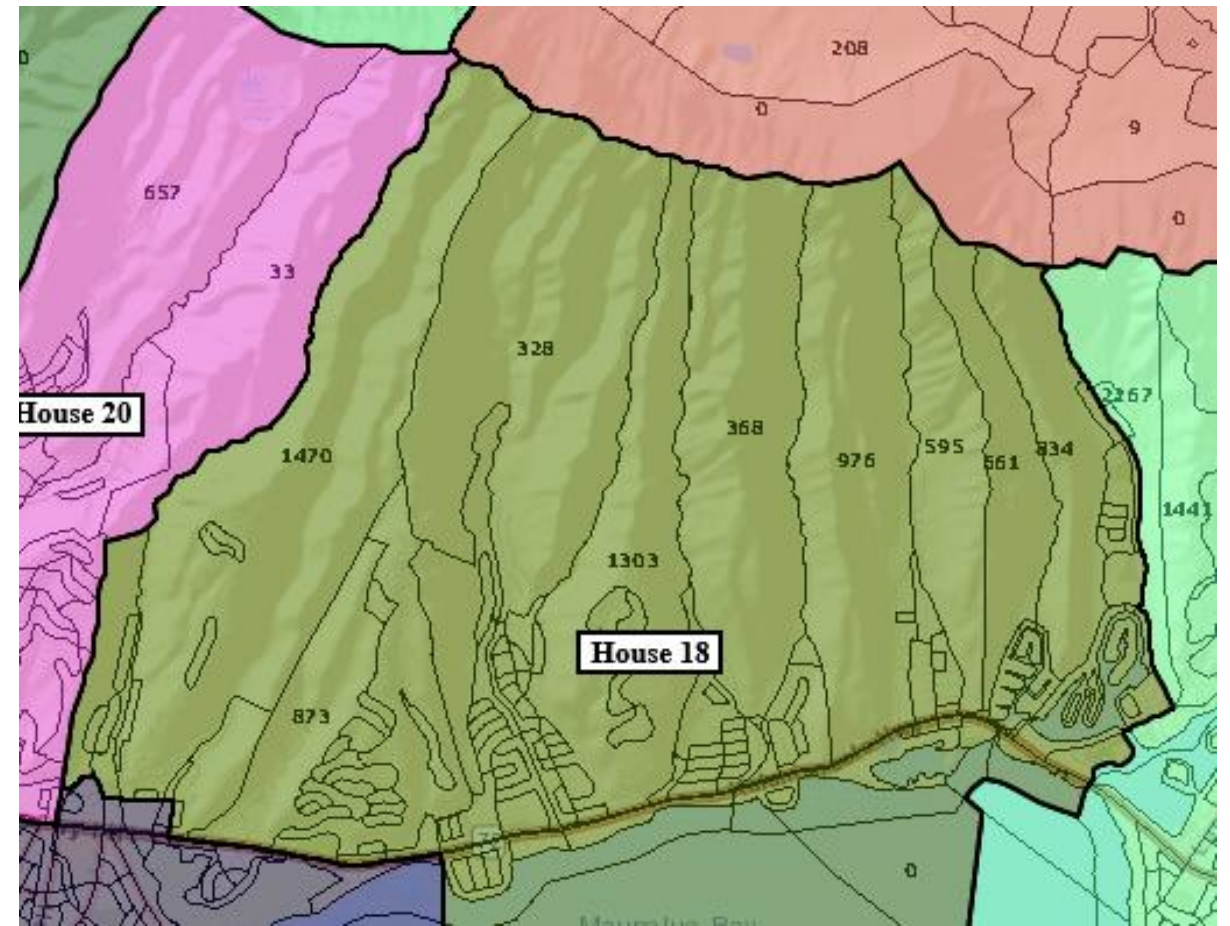
## Hicks Plan 280



Current Plan -1471



Hicks Plan 94



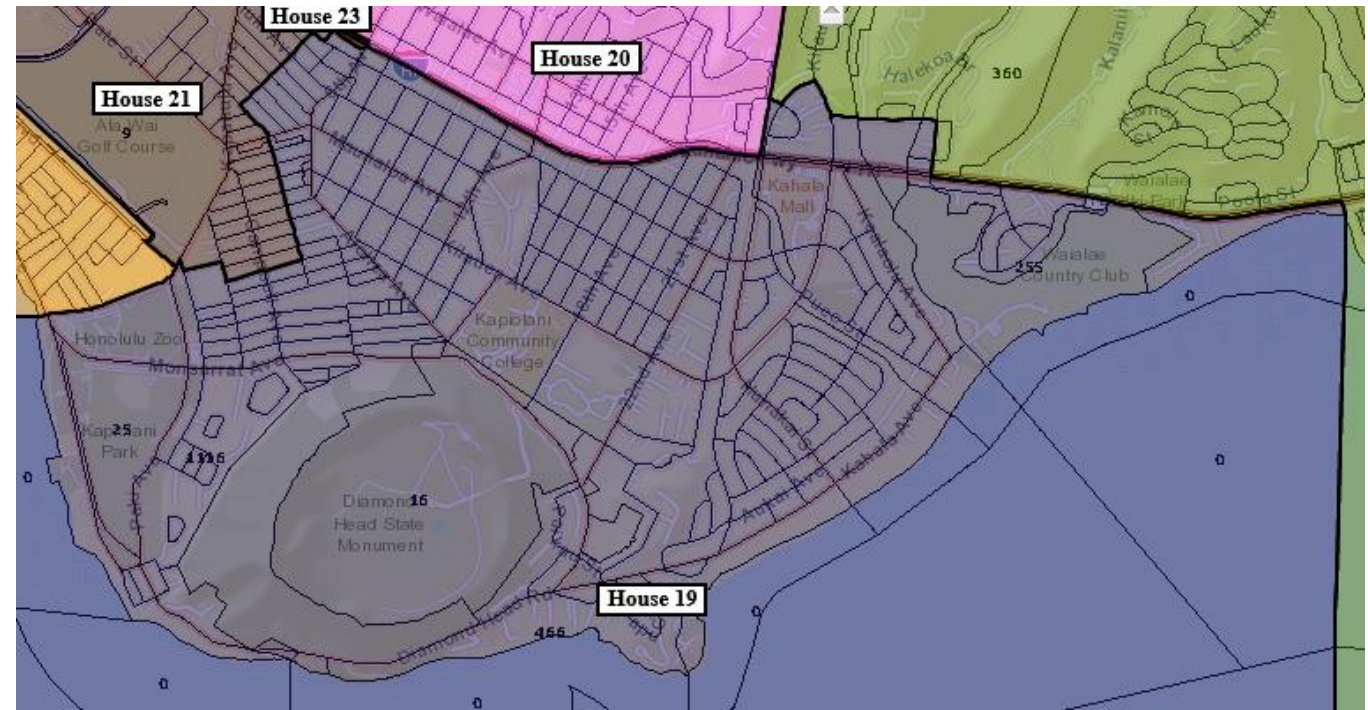
Current Plan -1984

House District 18



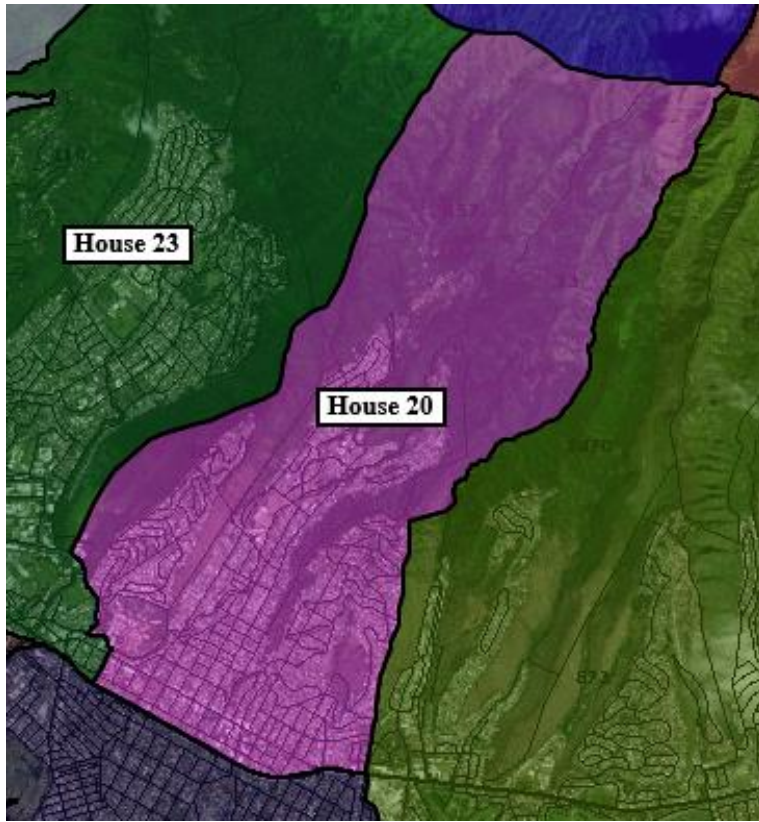


Hicks Plan 229

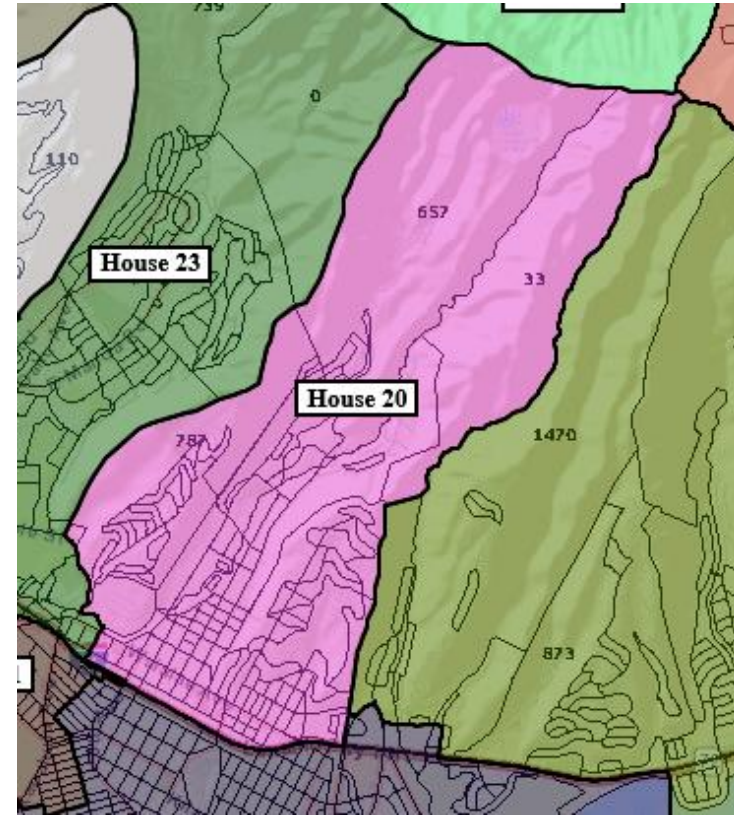


Current Plan -2186

## House District 19



Hicks Plan -263

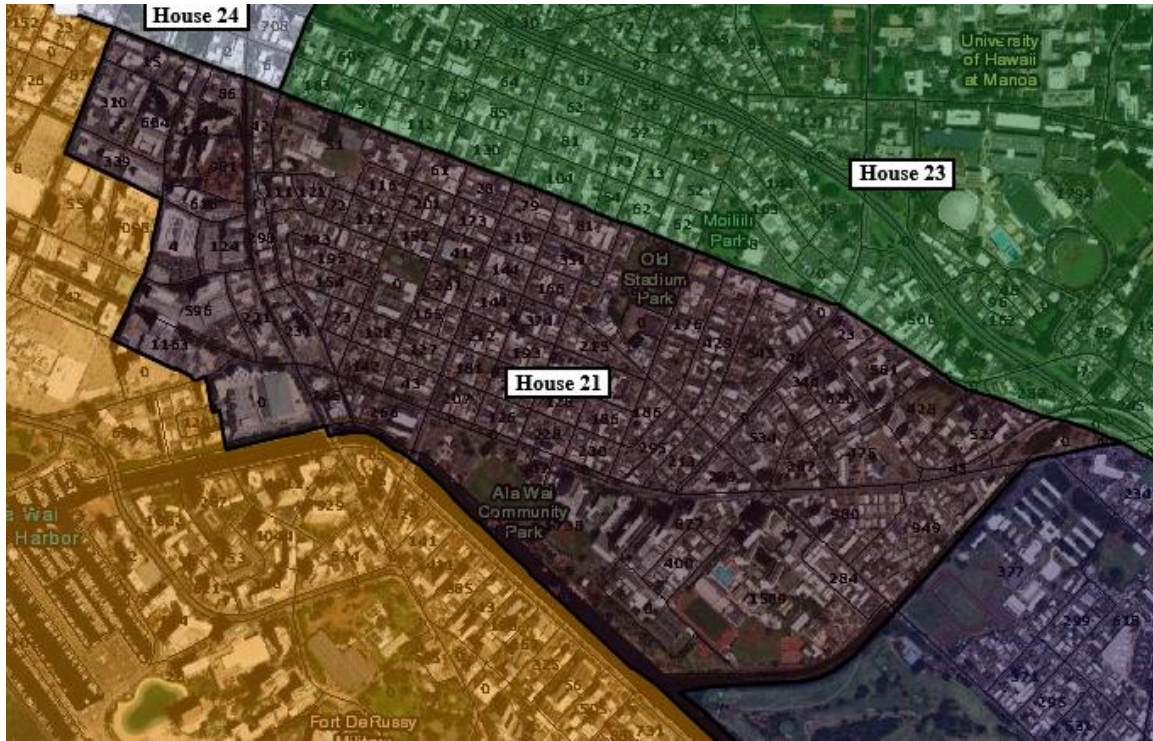


Current Plan -263

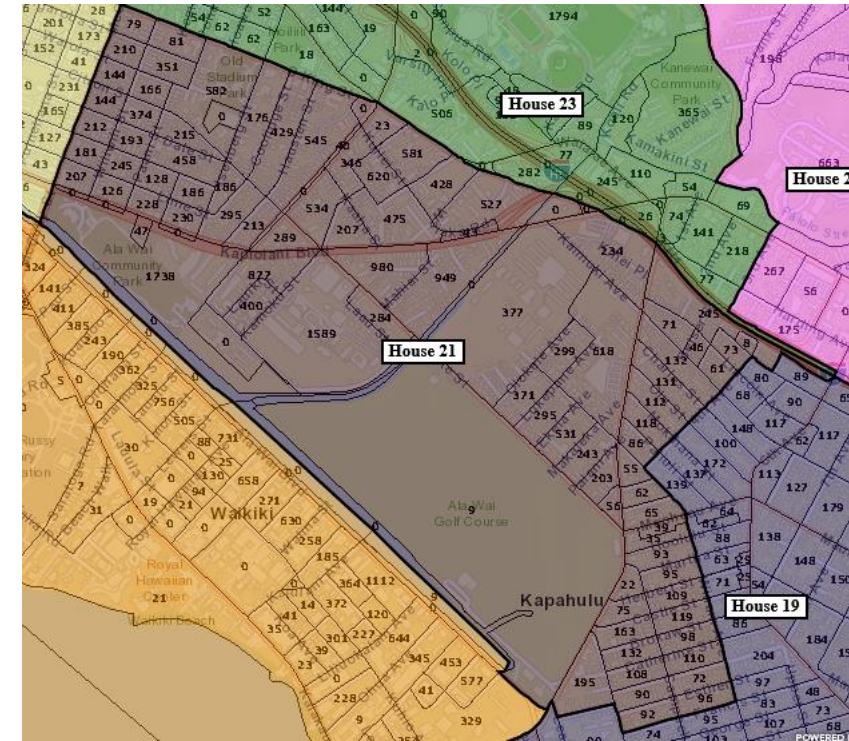
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House District 20





Hicks Plan -319



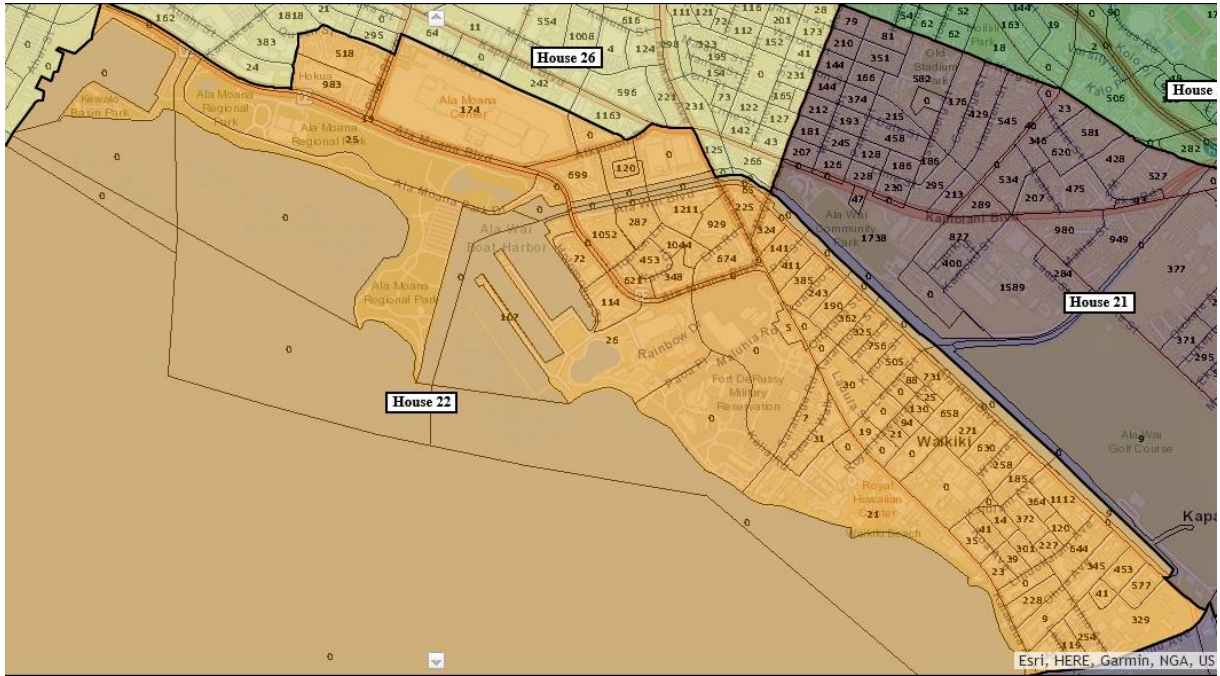
Current Plan -3221

## House District 21

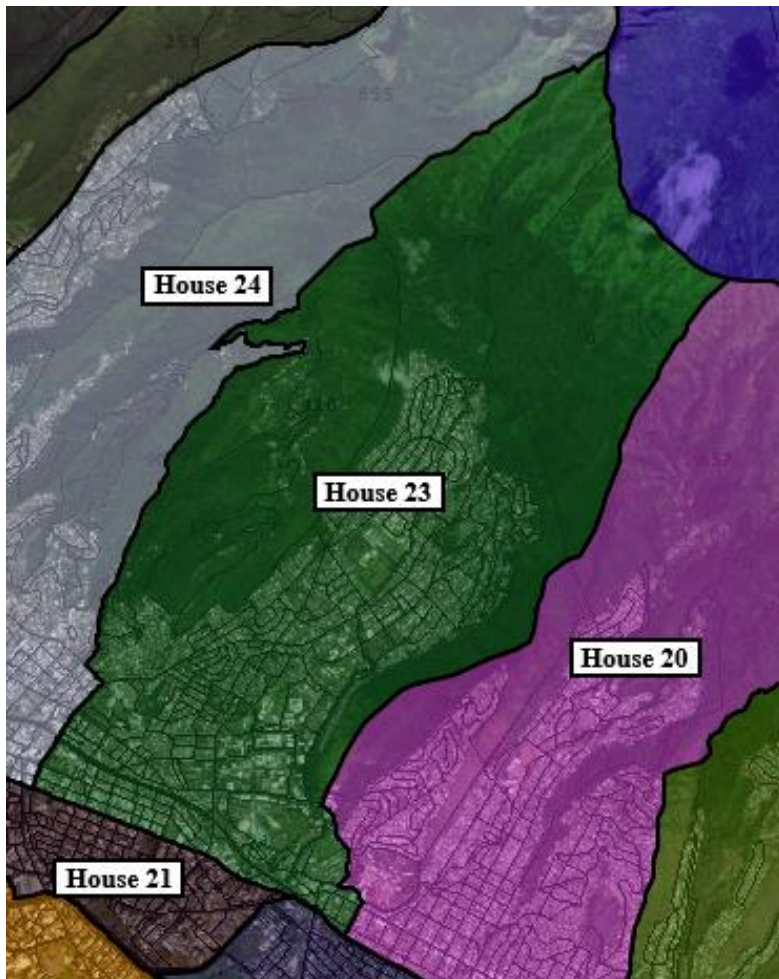




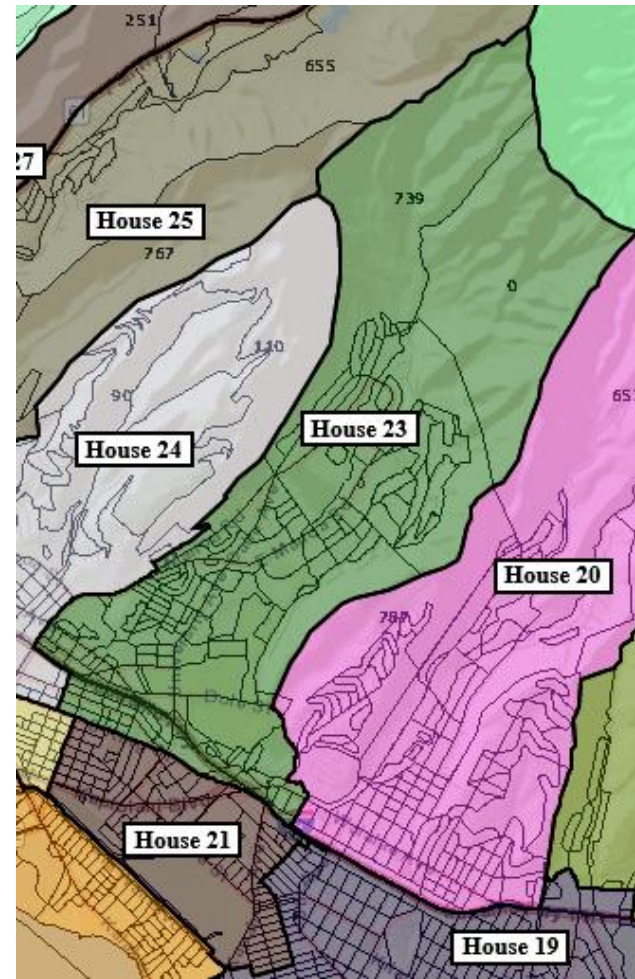
Hicks Plan -130



Current Plan -4236

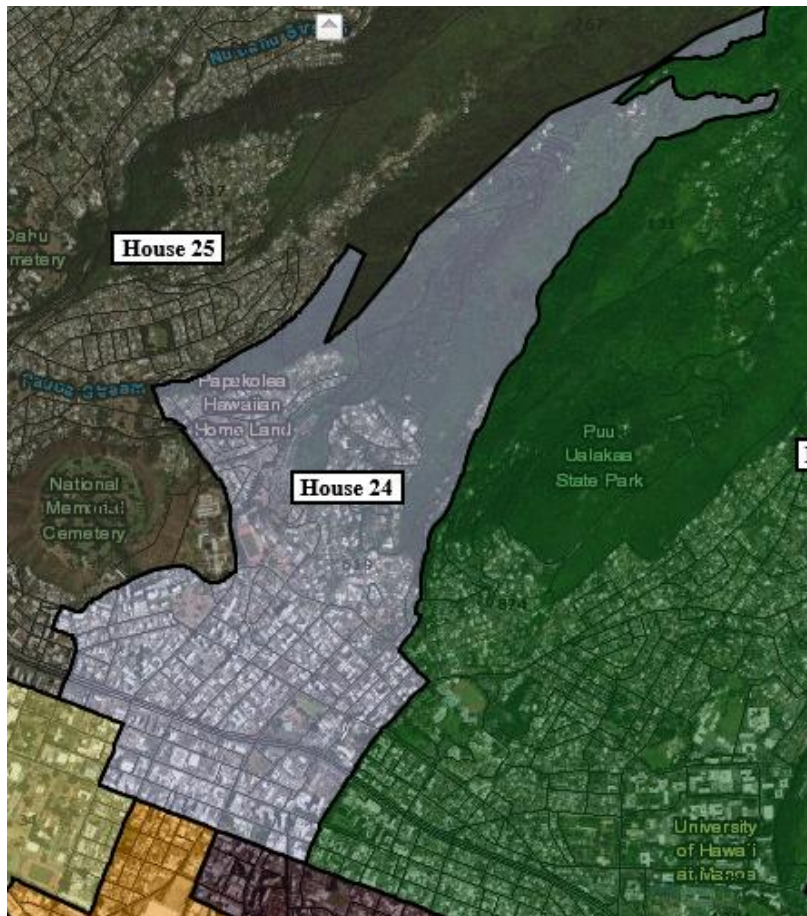


Hicks Plan 359

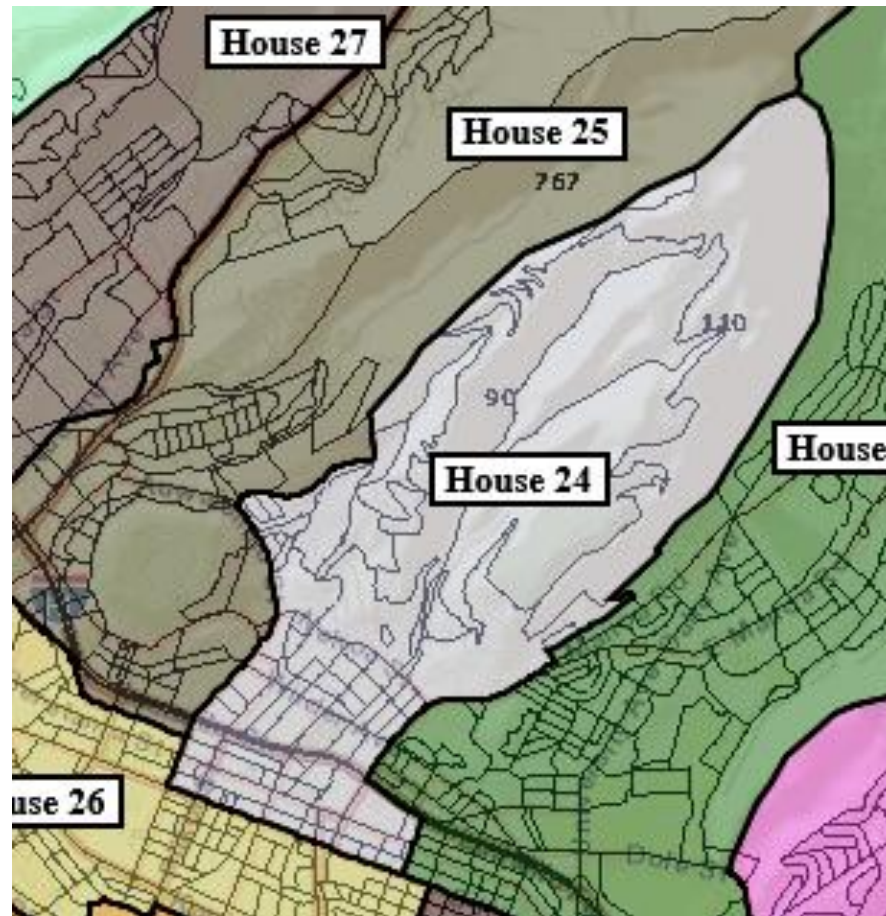


Current Plan -3097





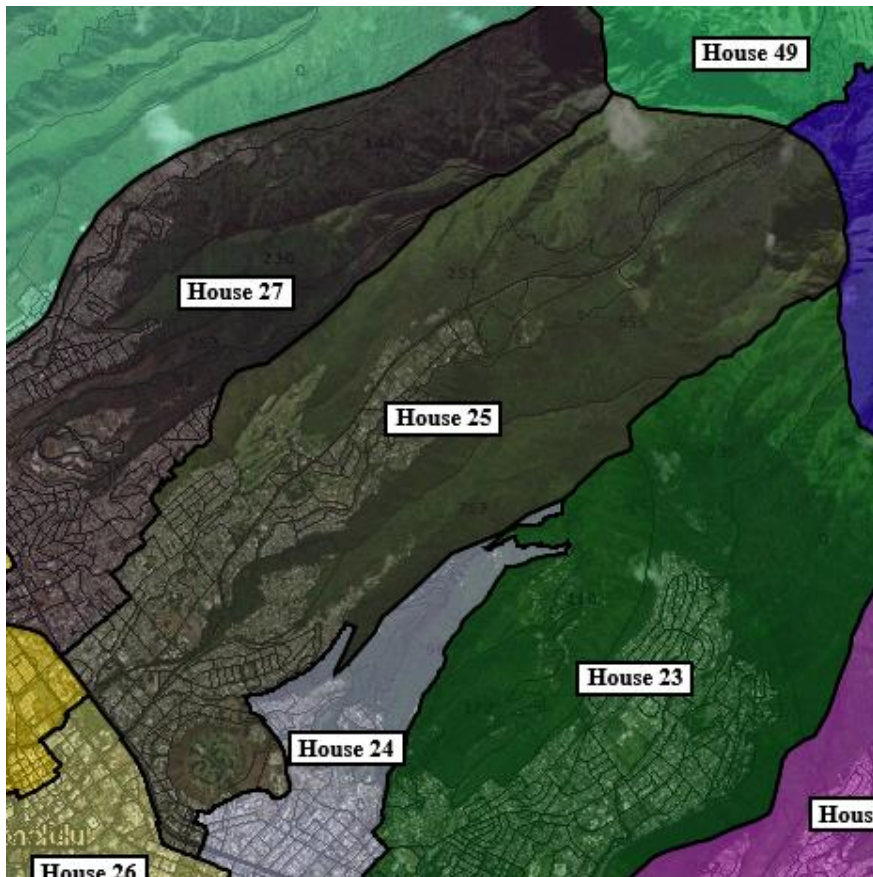
Hicks Plan 96



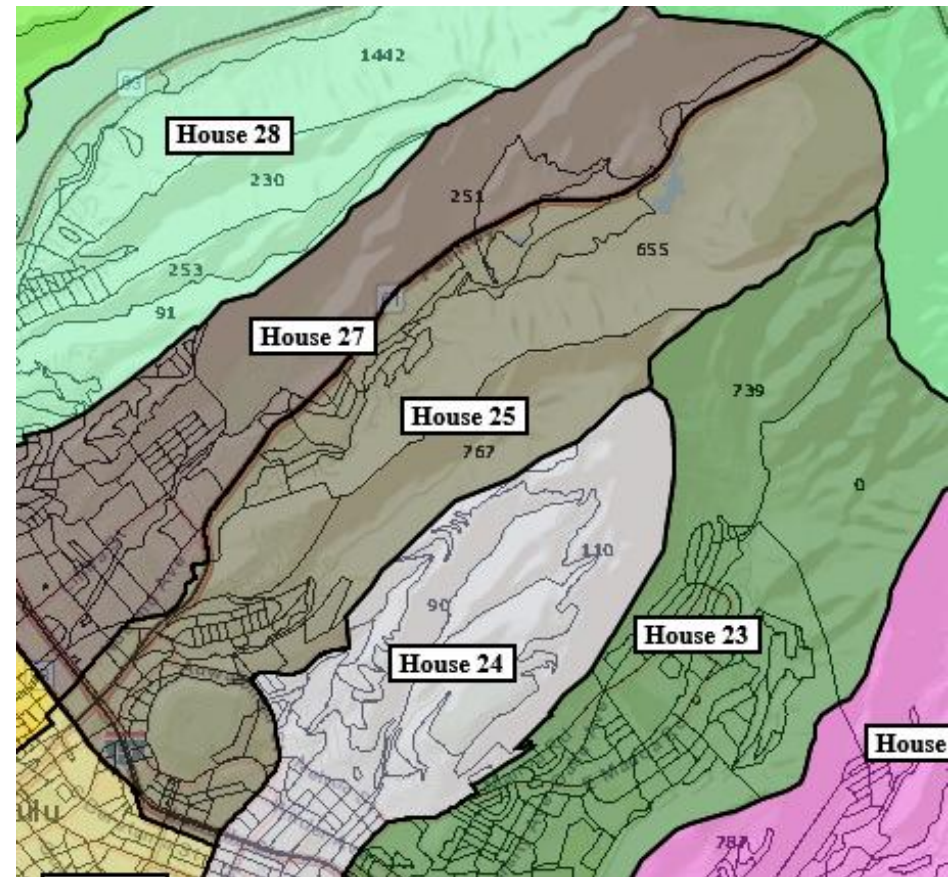
Current Plan -2162

## House District 24

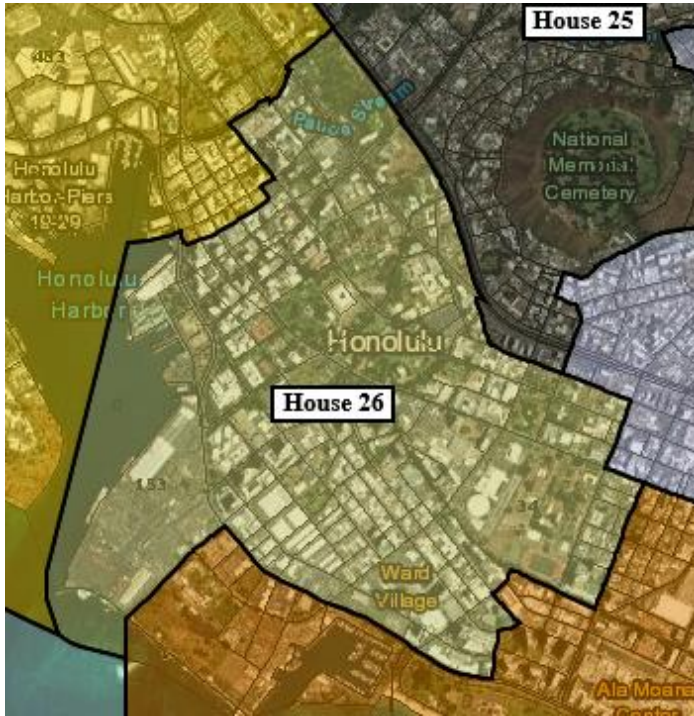




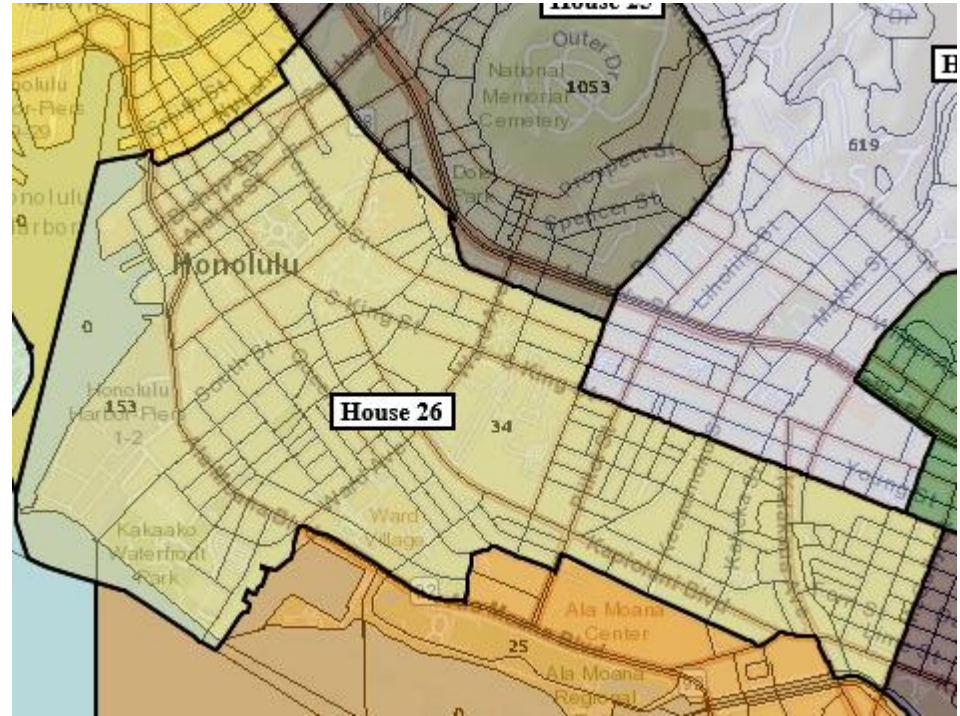
Hicks Plan 331



Current Plan -2940



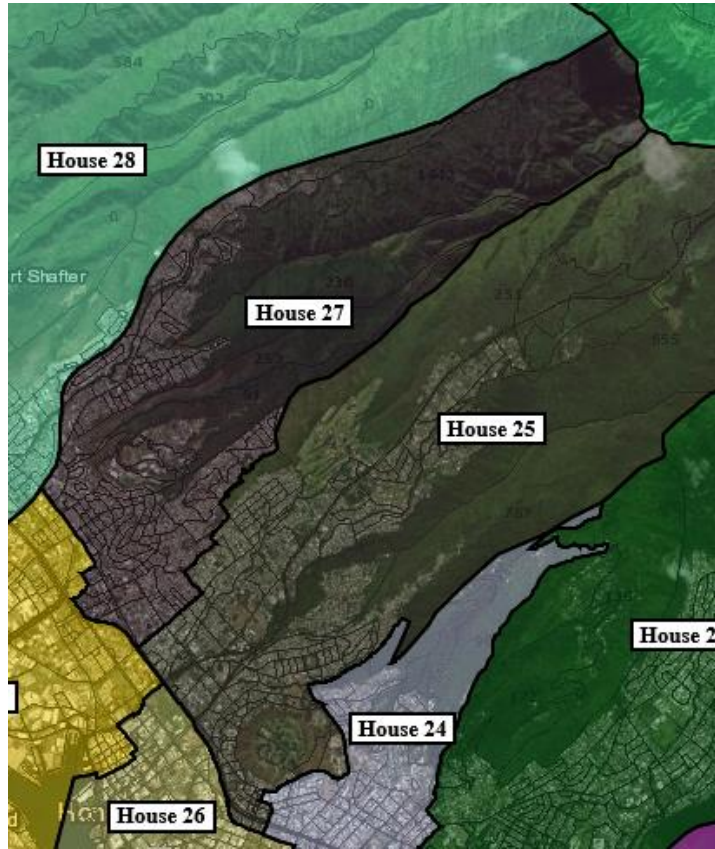
Hicks Plan 290



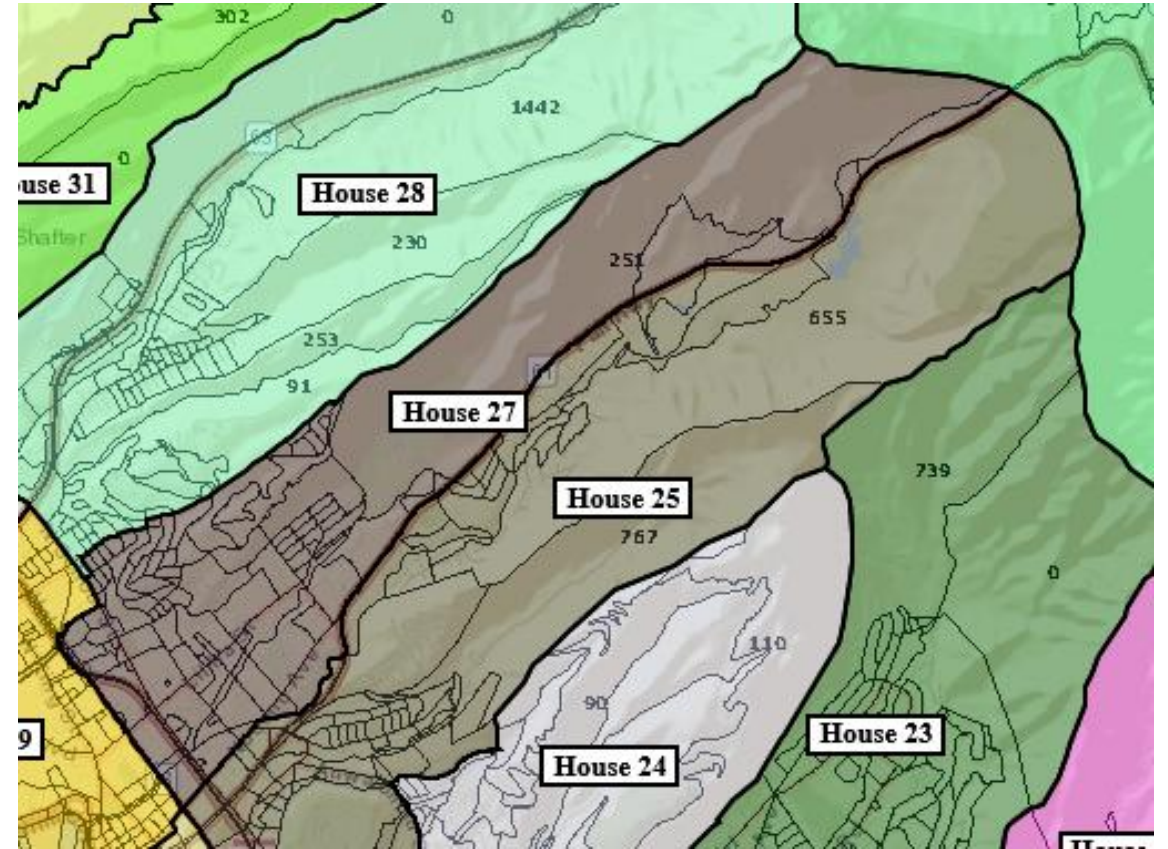
Current Plan 8163

## House District 26



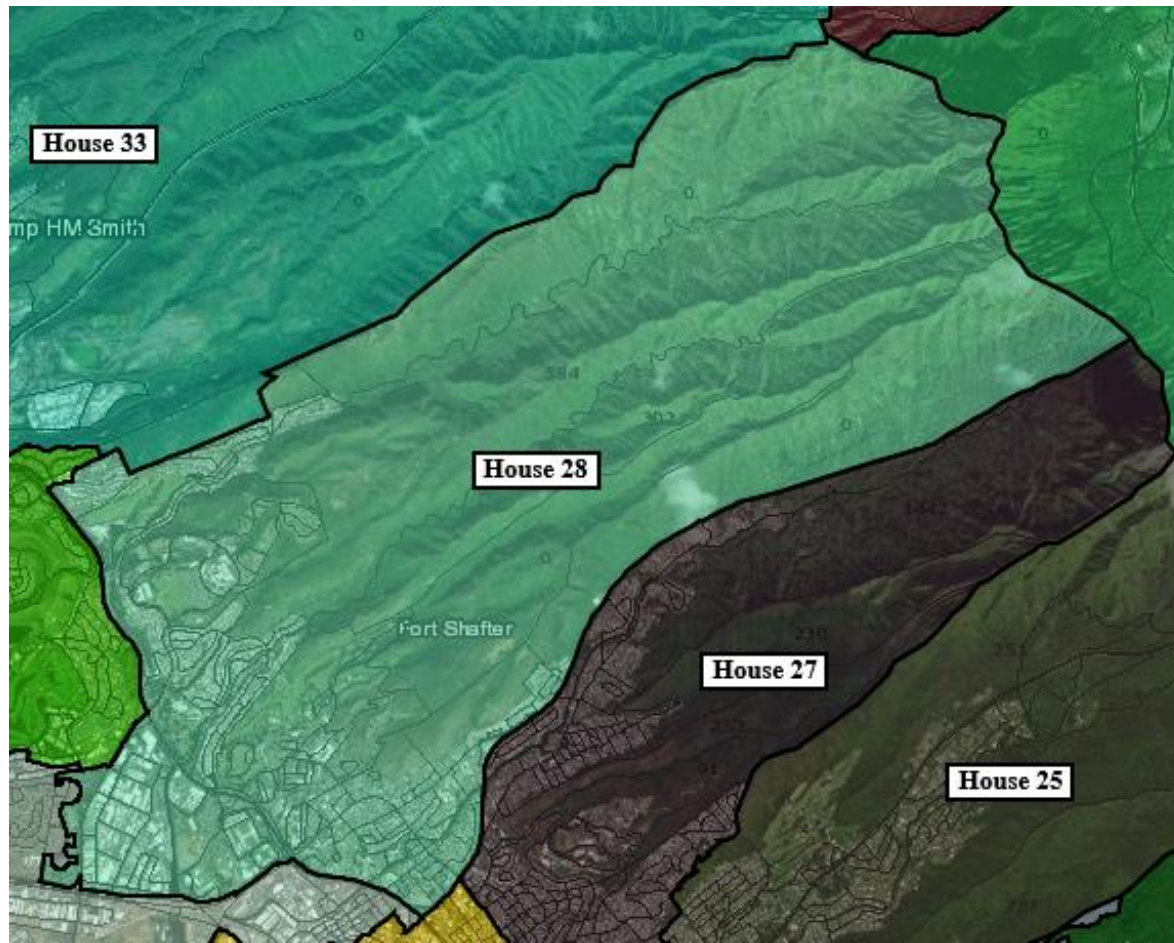


Hicks Plan 379

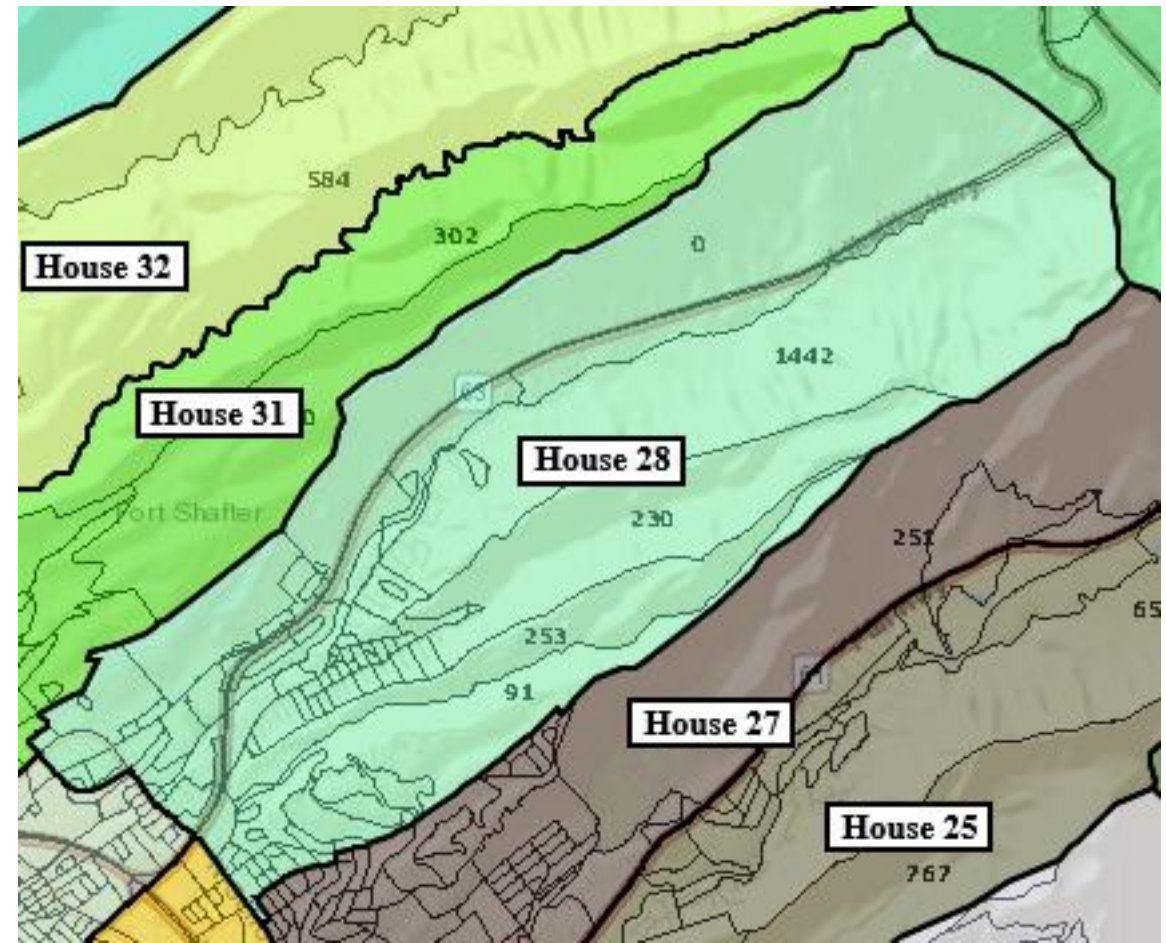


Current Plan -1543



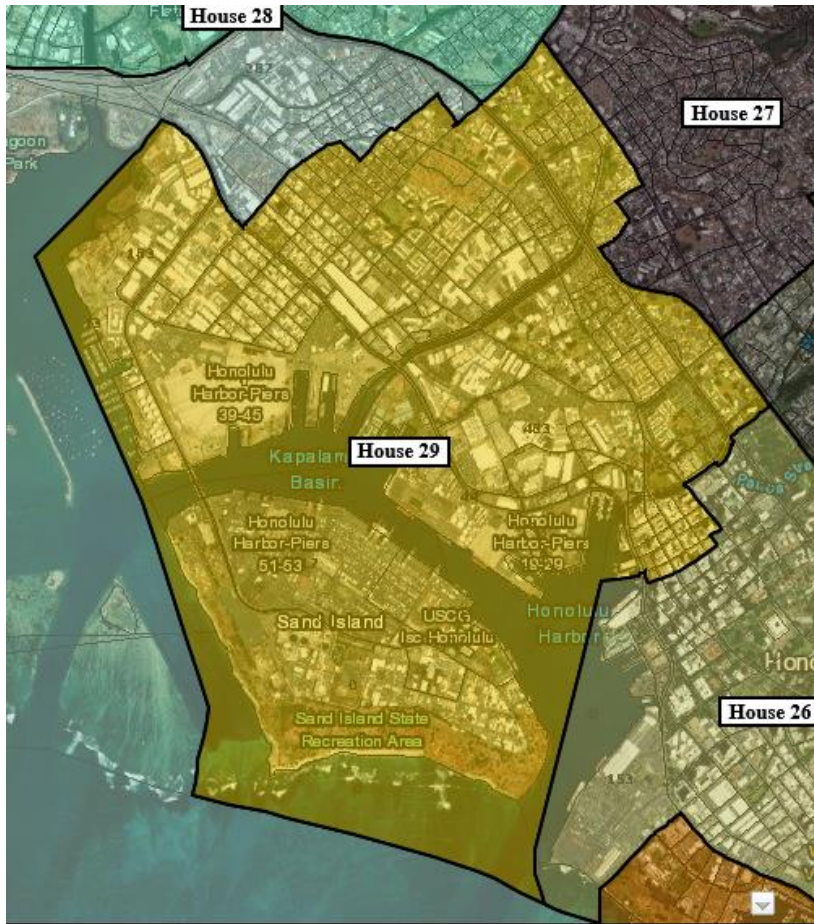


Hicks Plan -228

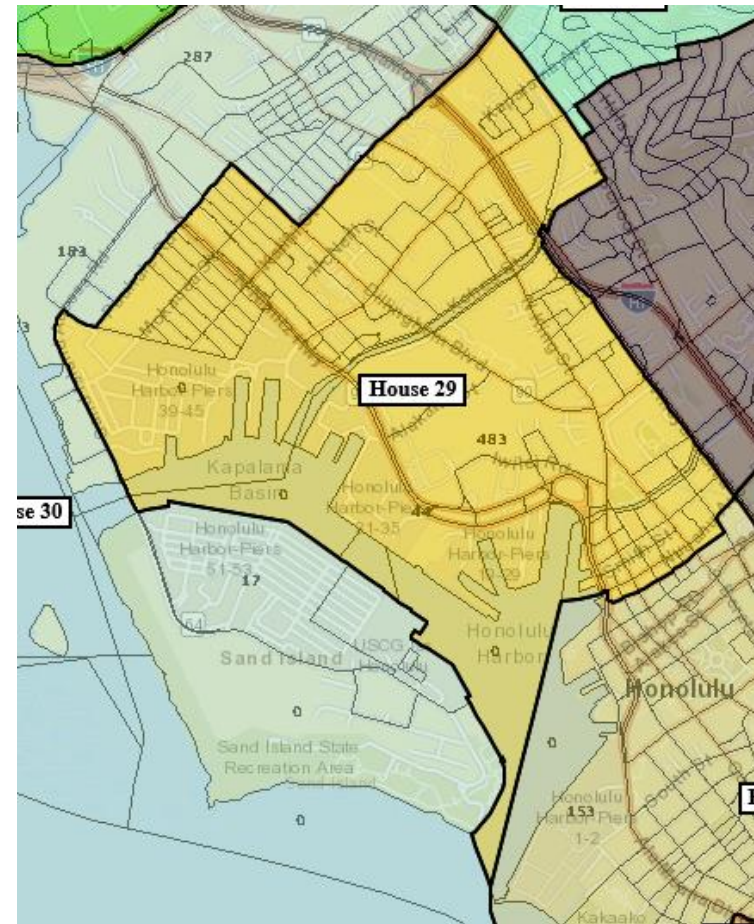


Current Plan -1148



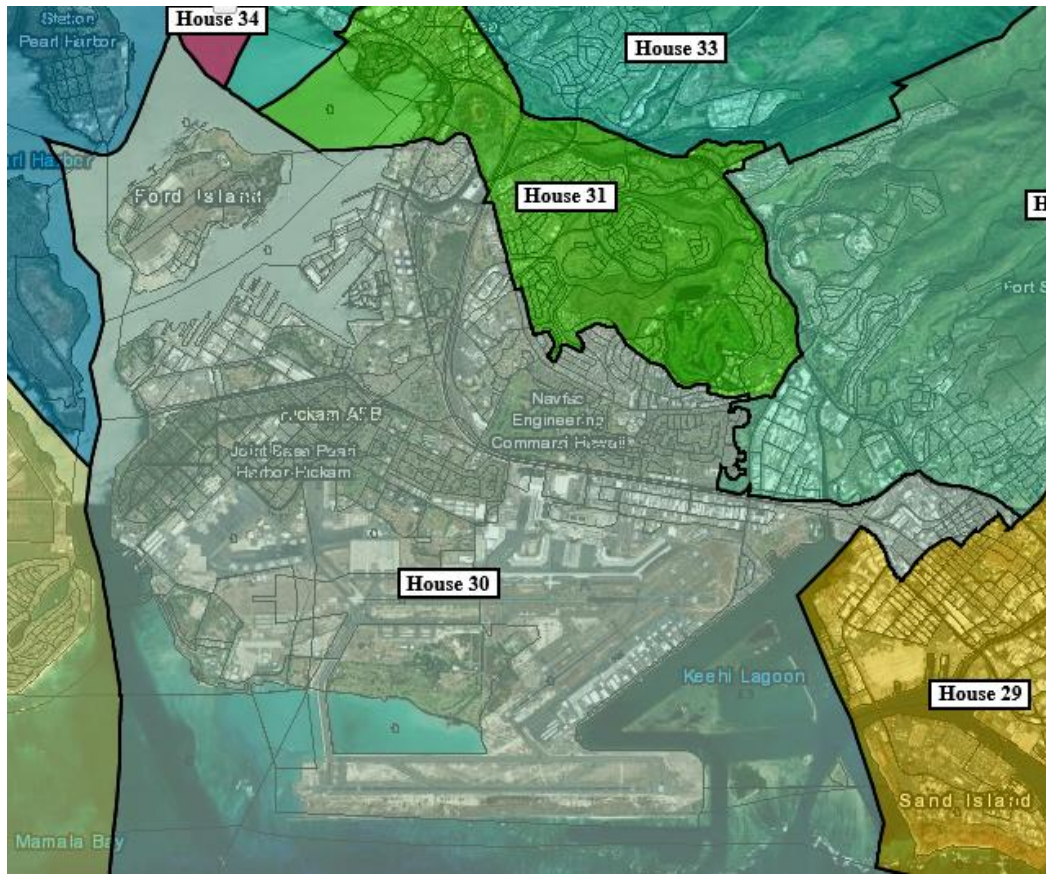


Hicks Plan 314

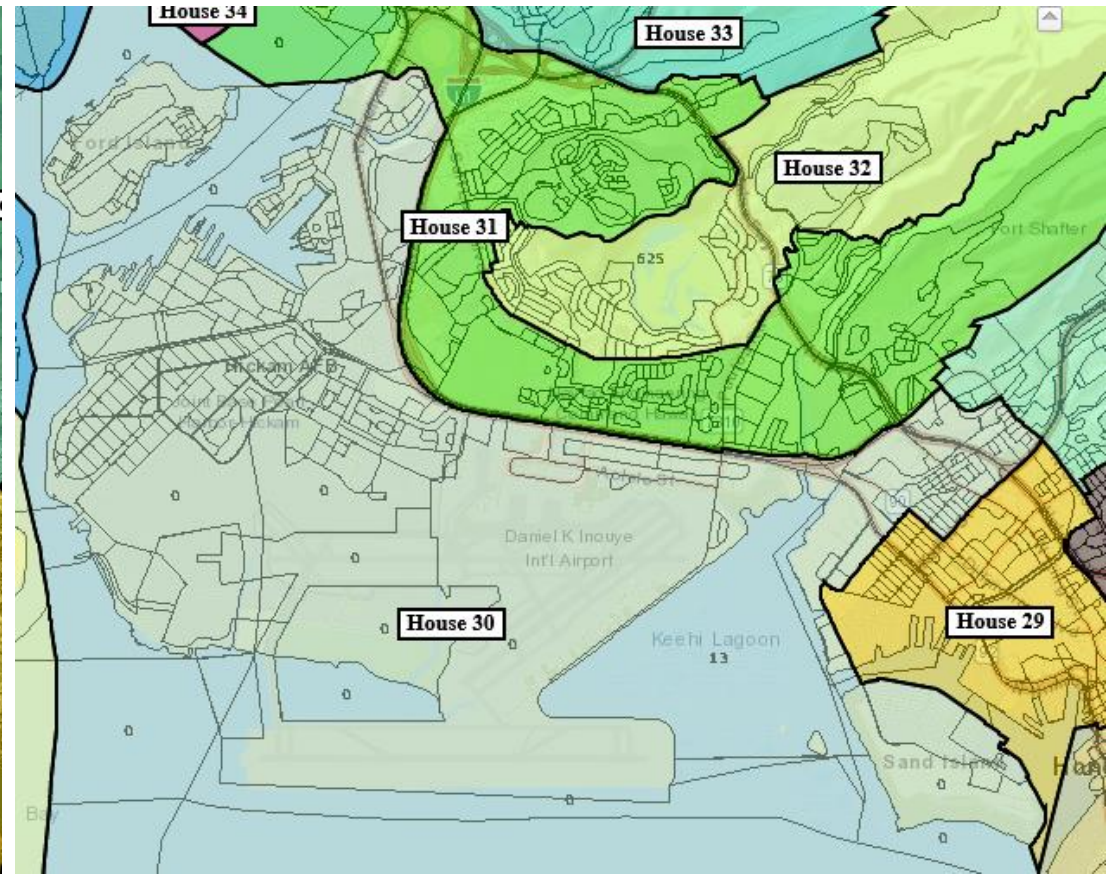


Current Plan -2396



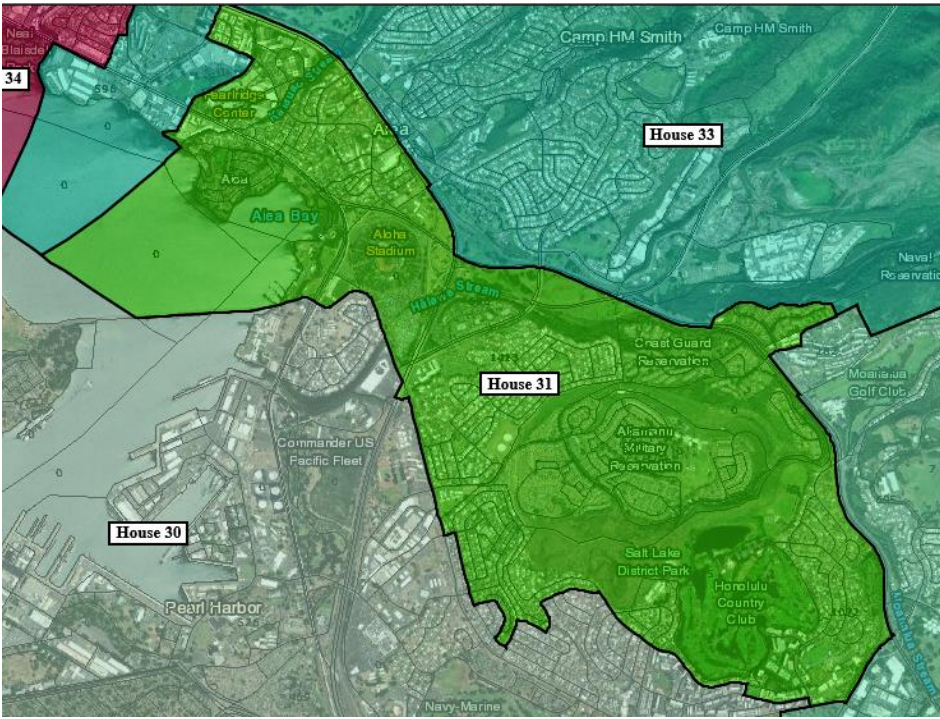


Hicks Plan -146

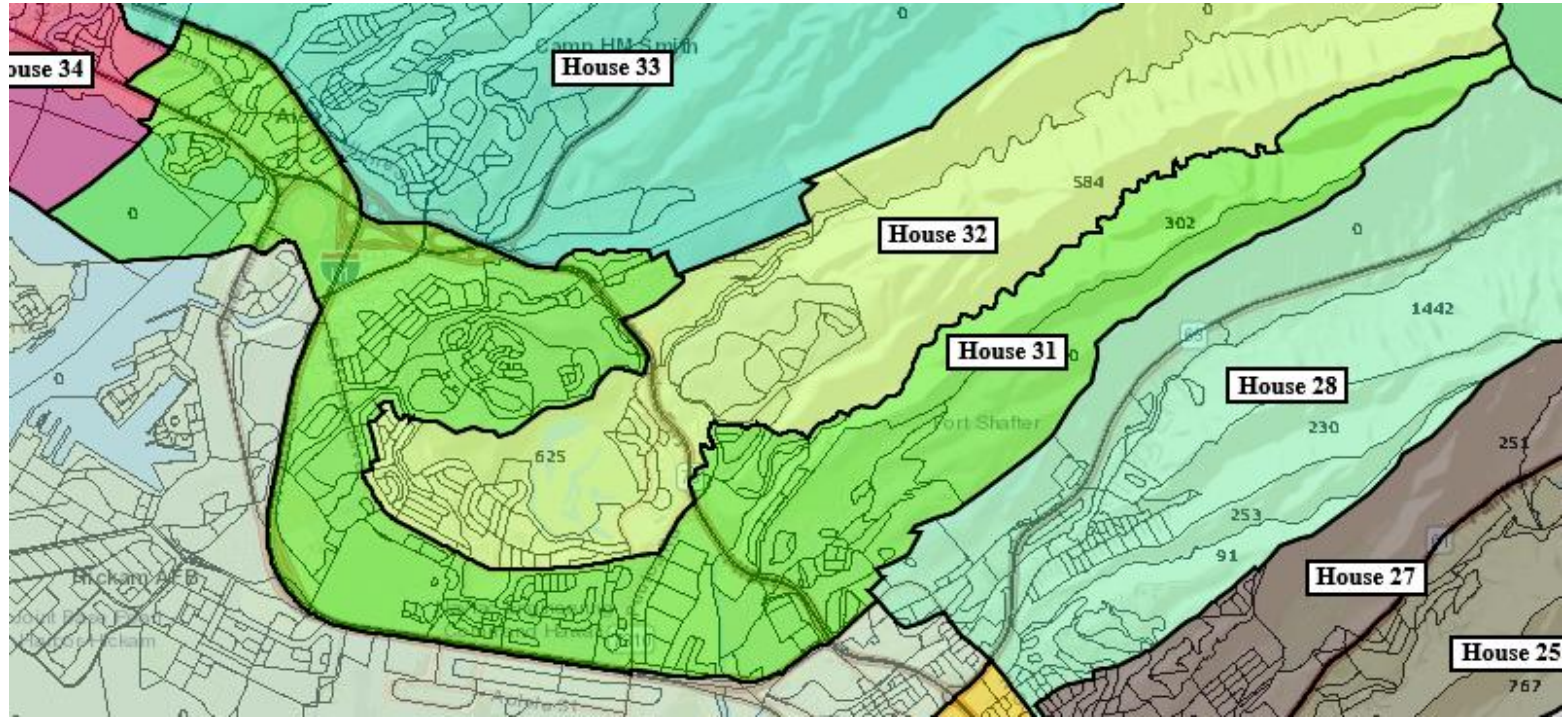


Current Plan -4129



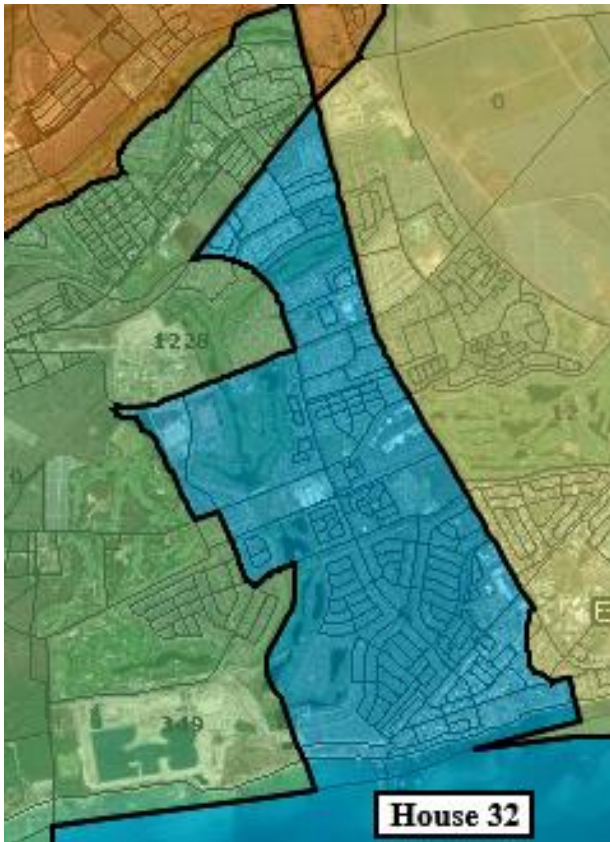


Hicks Plan 44

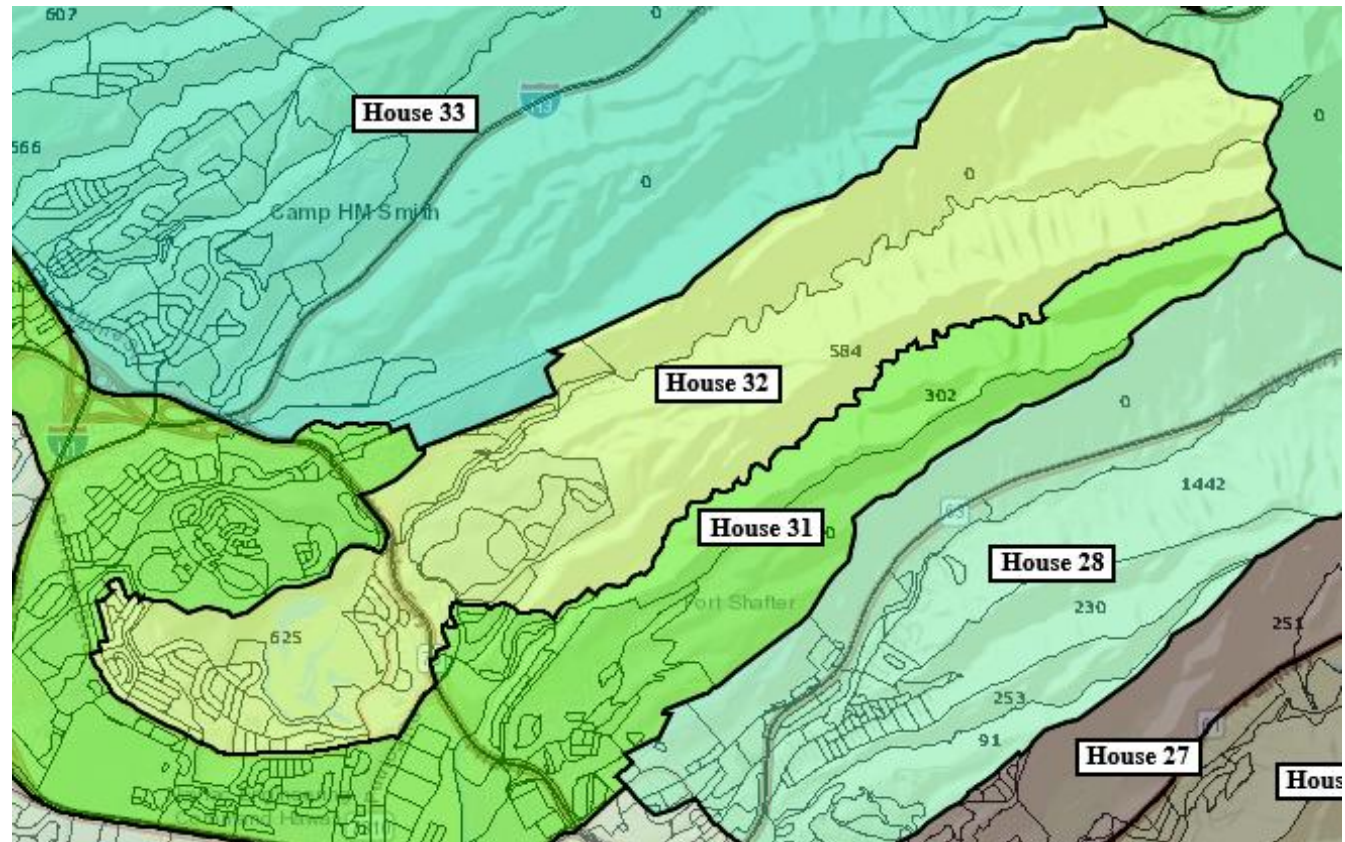


Current Plan -994





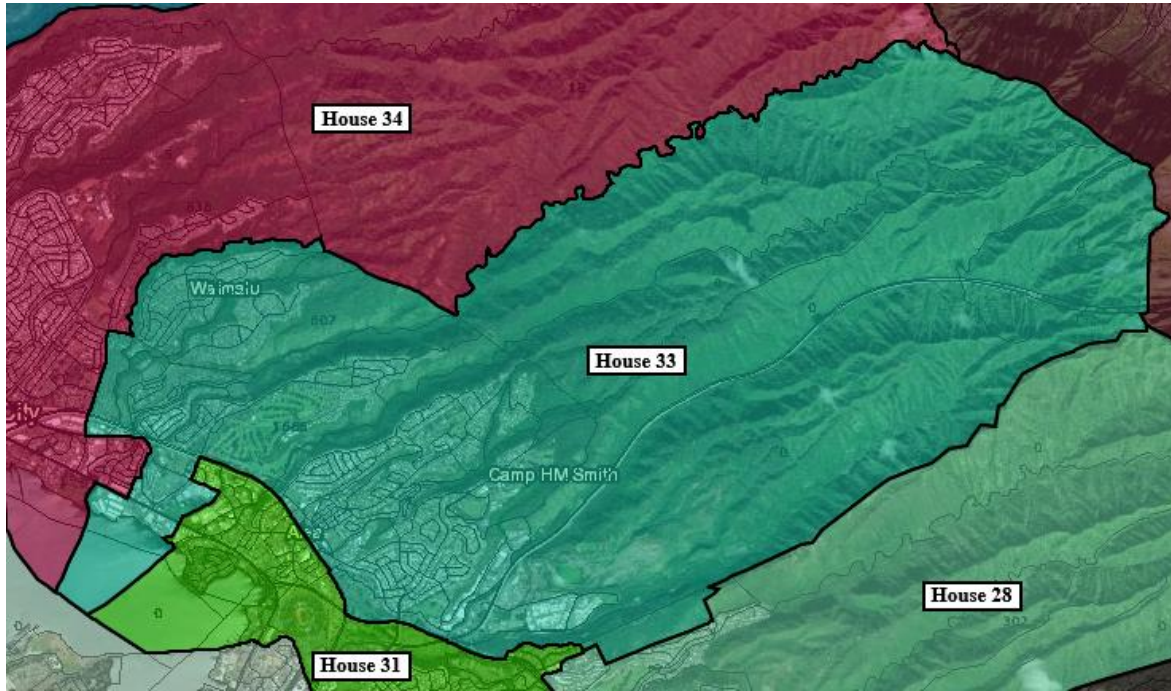
Hicks Plan 38



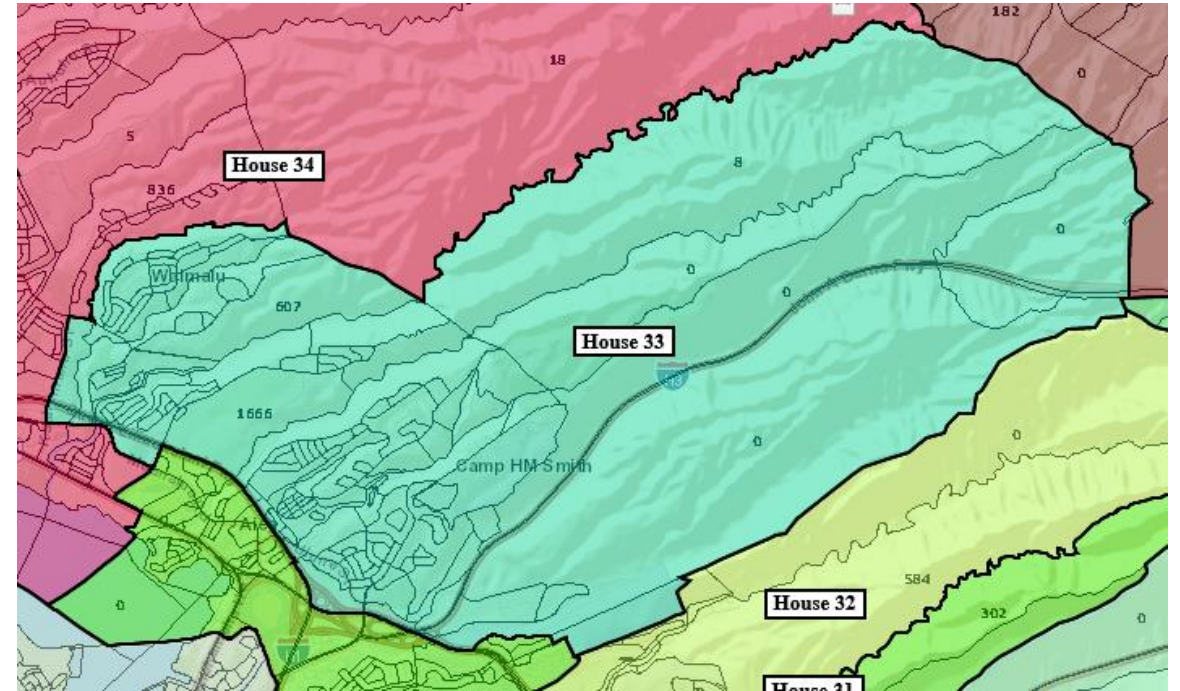
Current Plan -2062

Note, HD32 is relocated from East Oahu to Leeward Oahu.



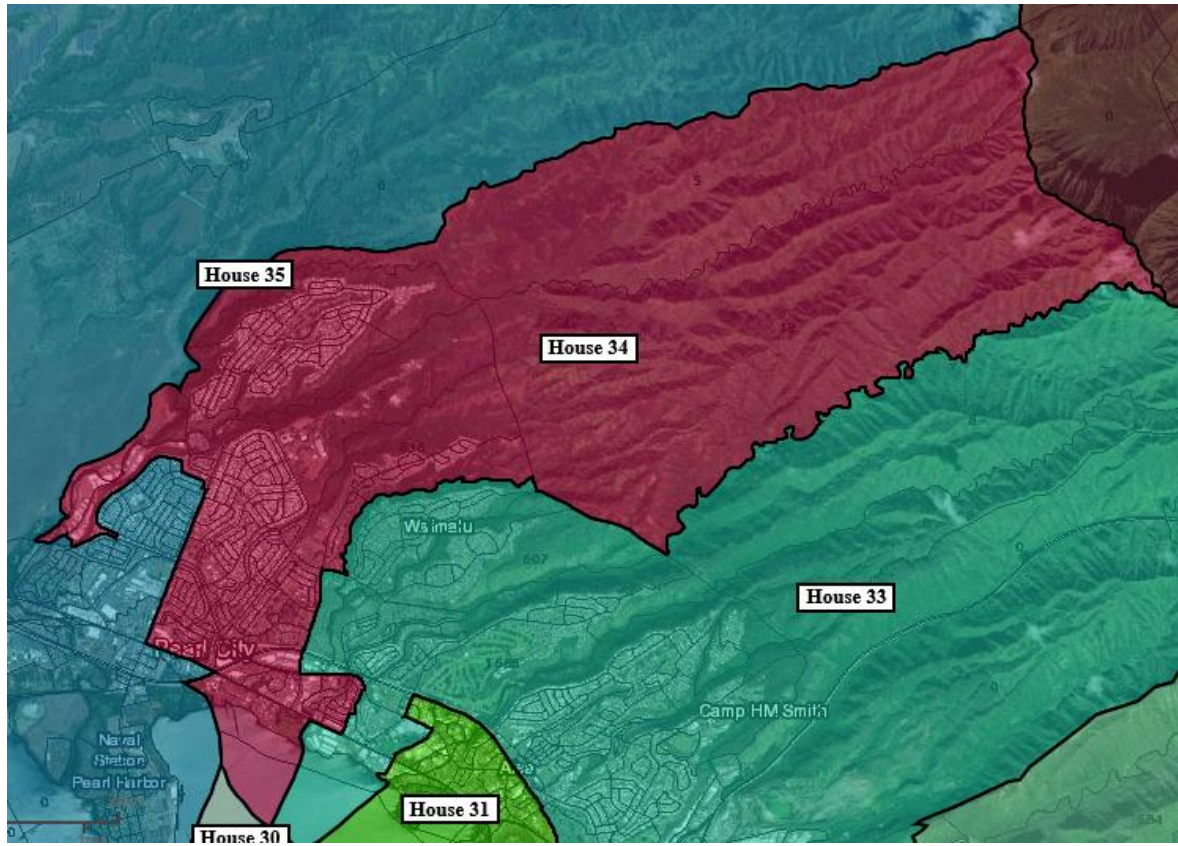


Hicks Plan 9

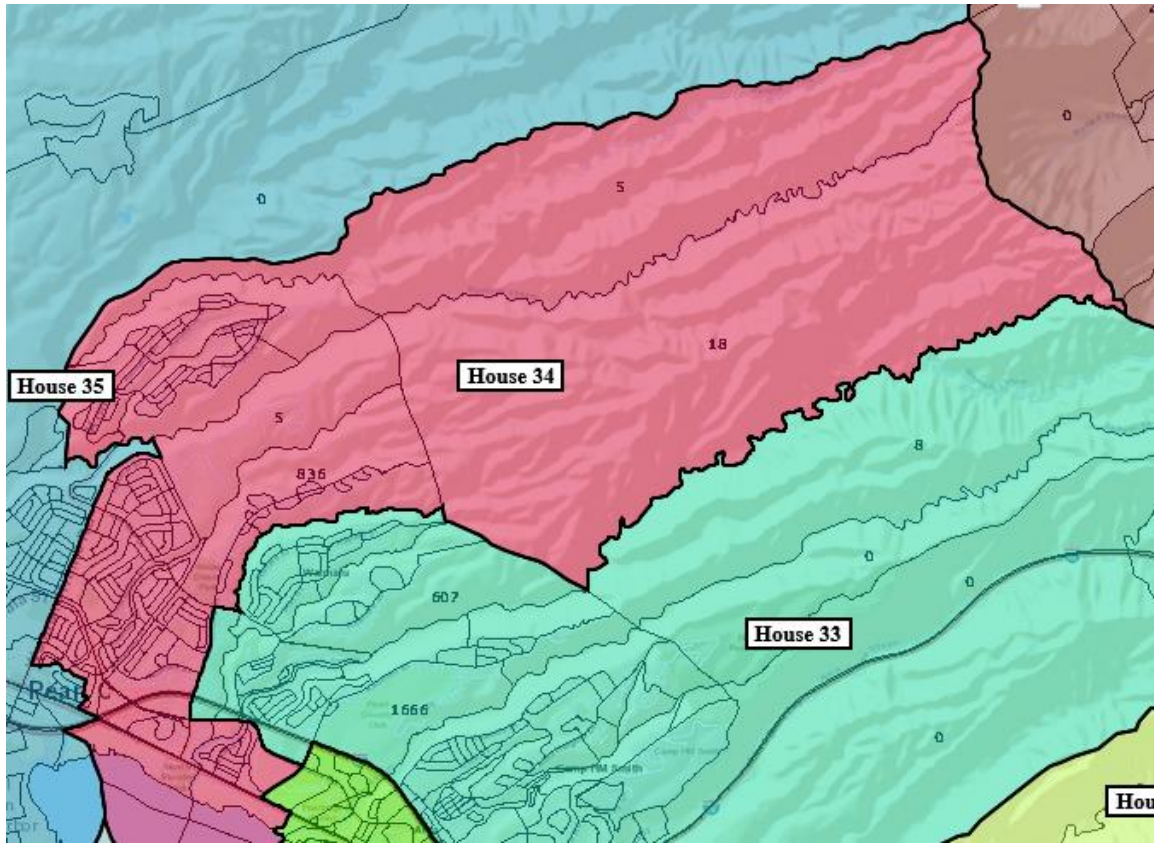


Current Plan -1943



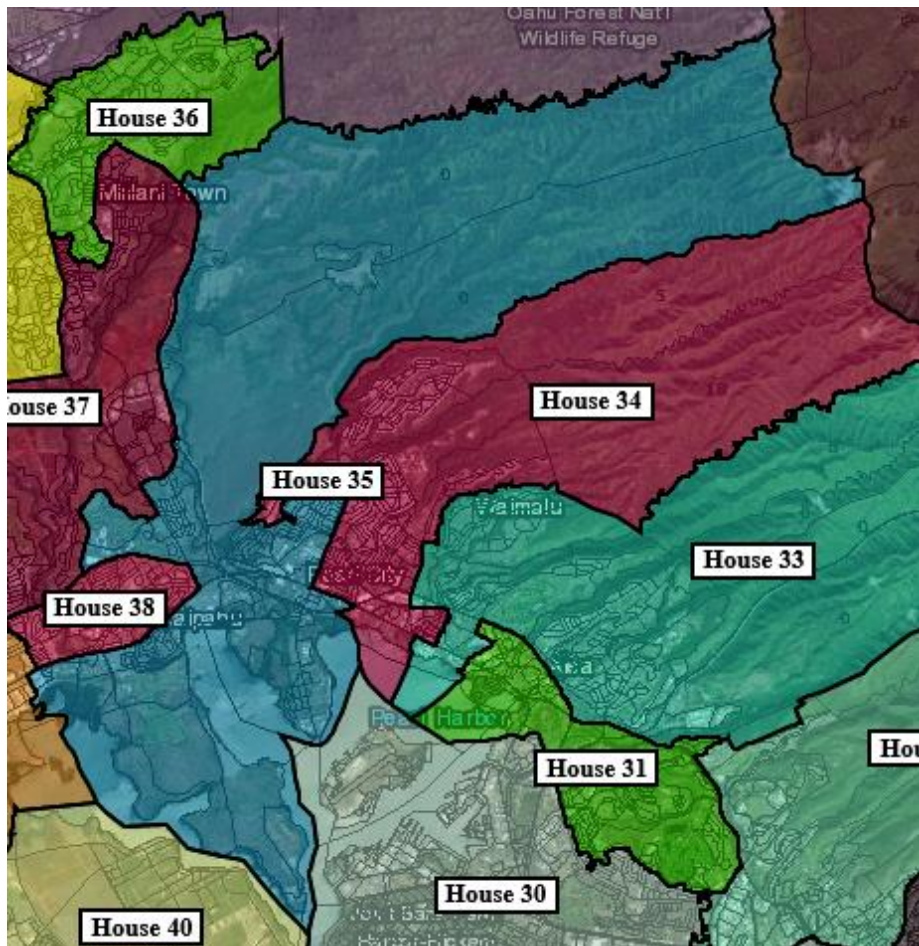


Hicks Plan 129

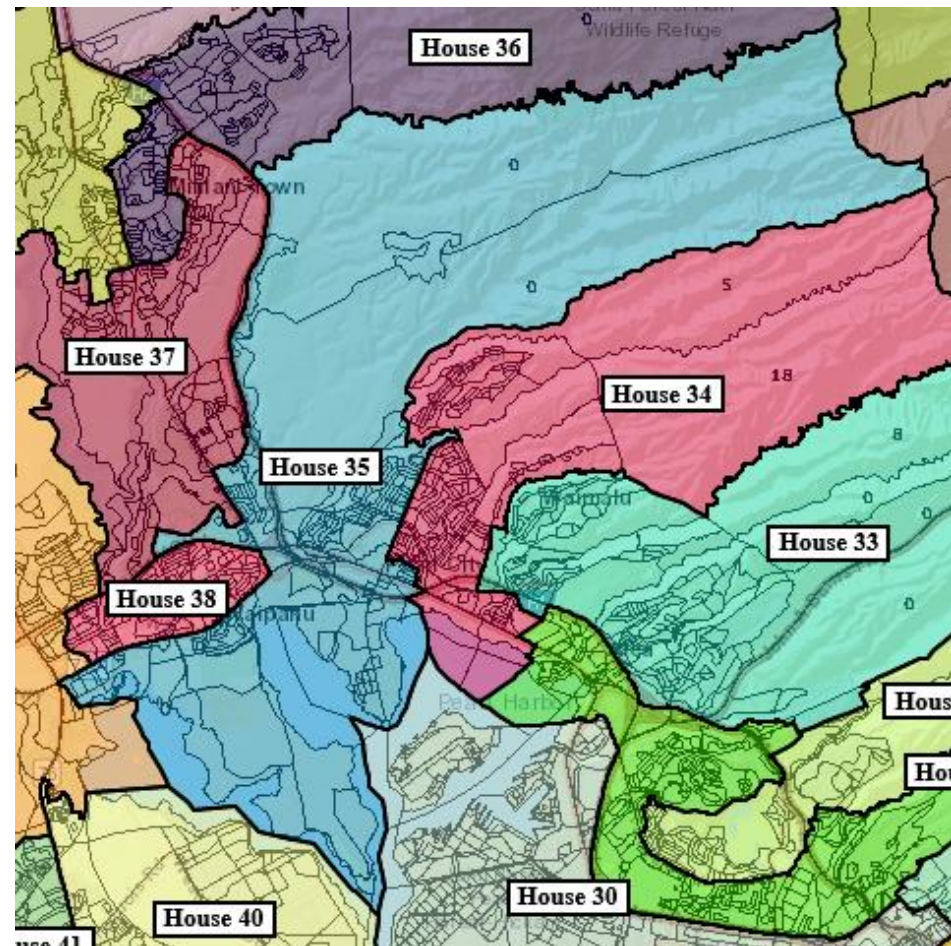


Current Plan 367



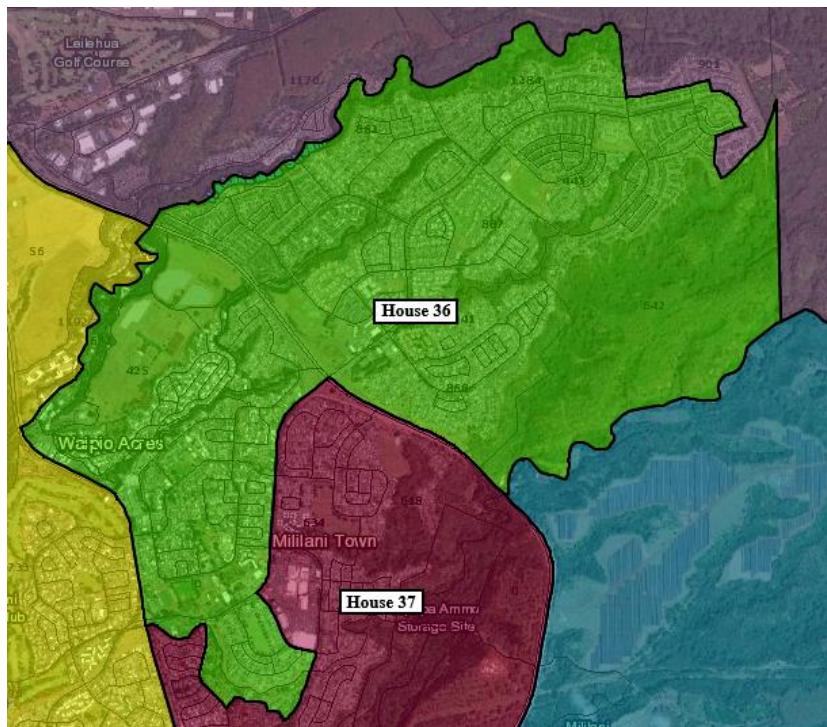


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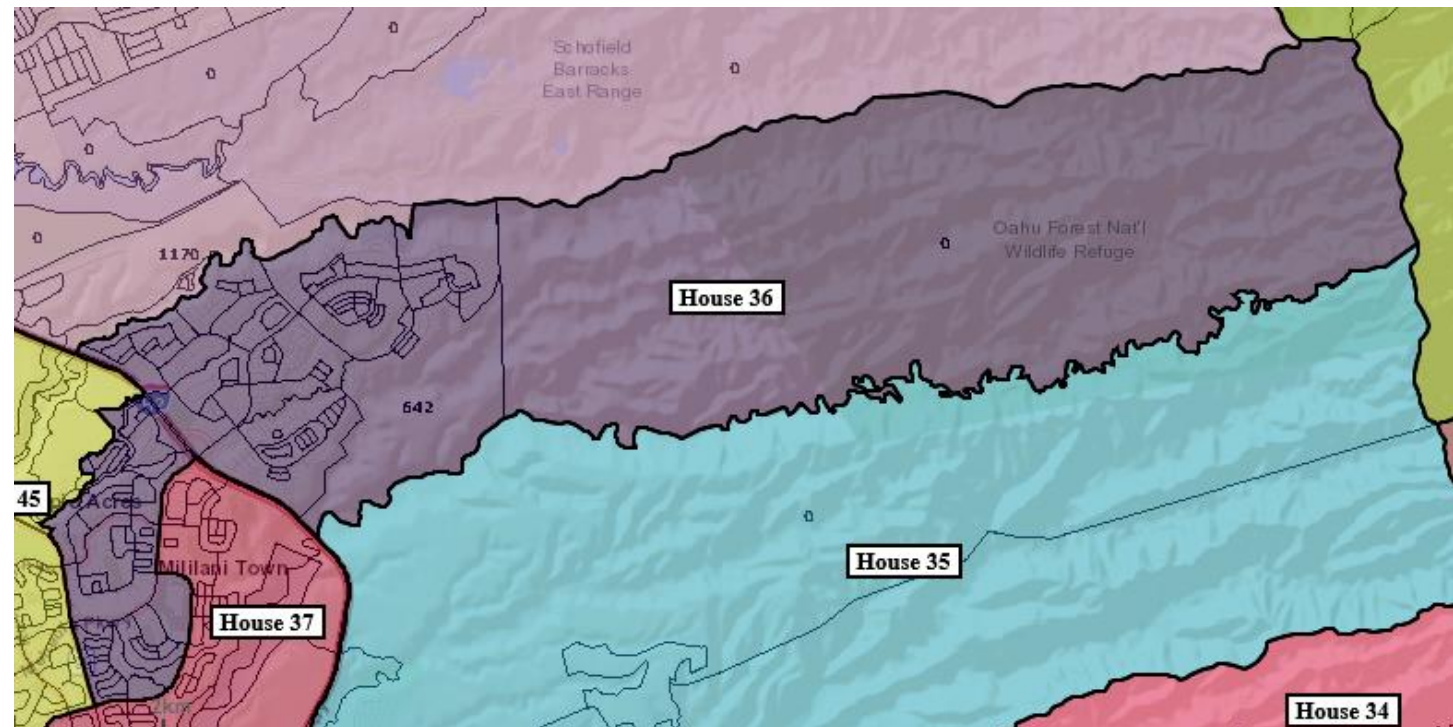


Current Plan -257



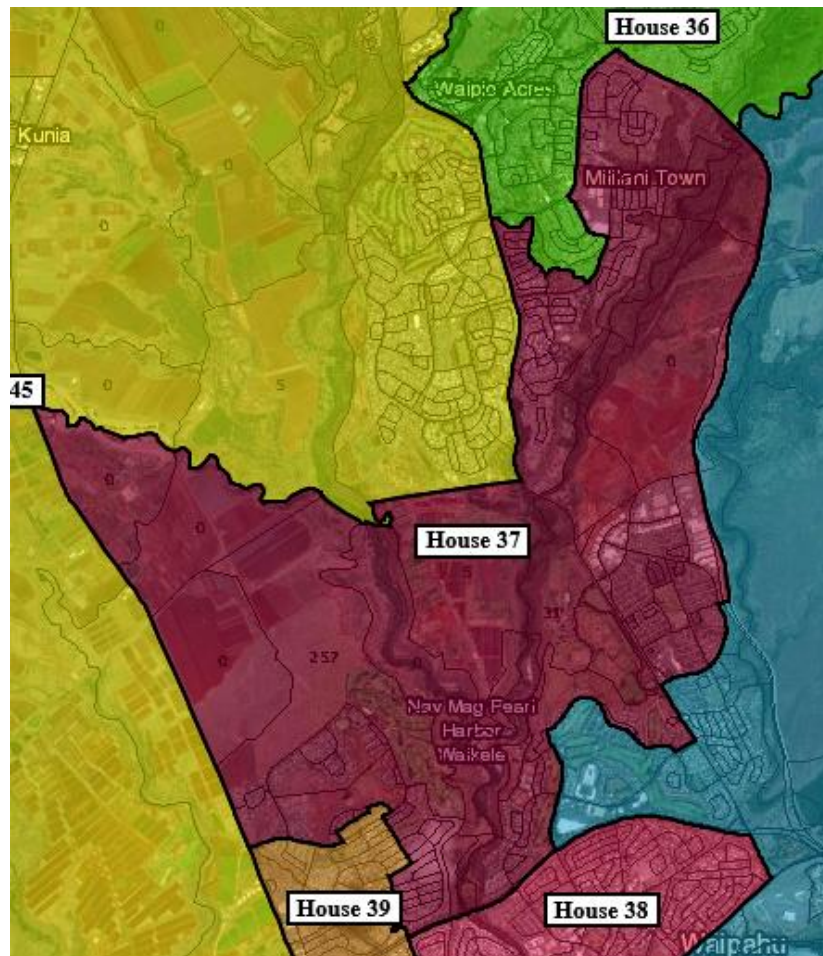


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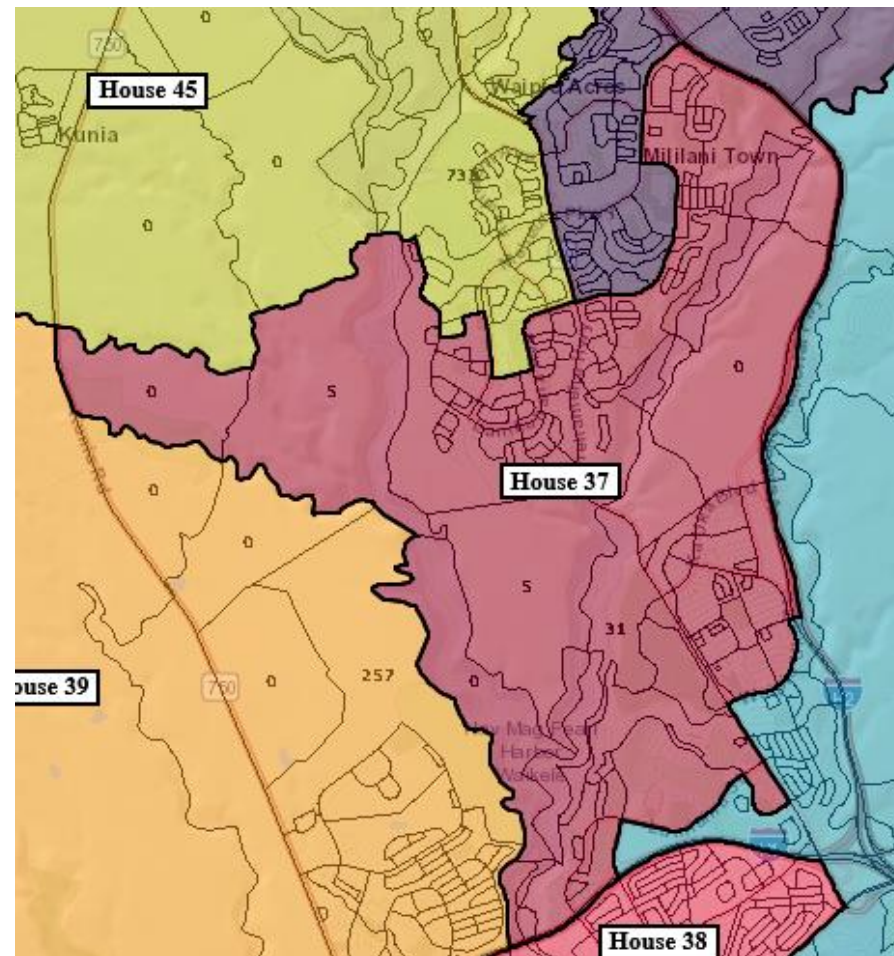


Current Plan 285



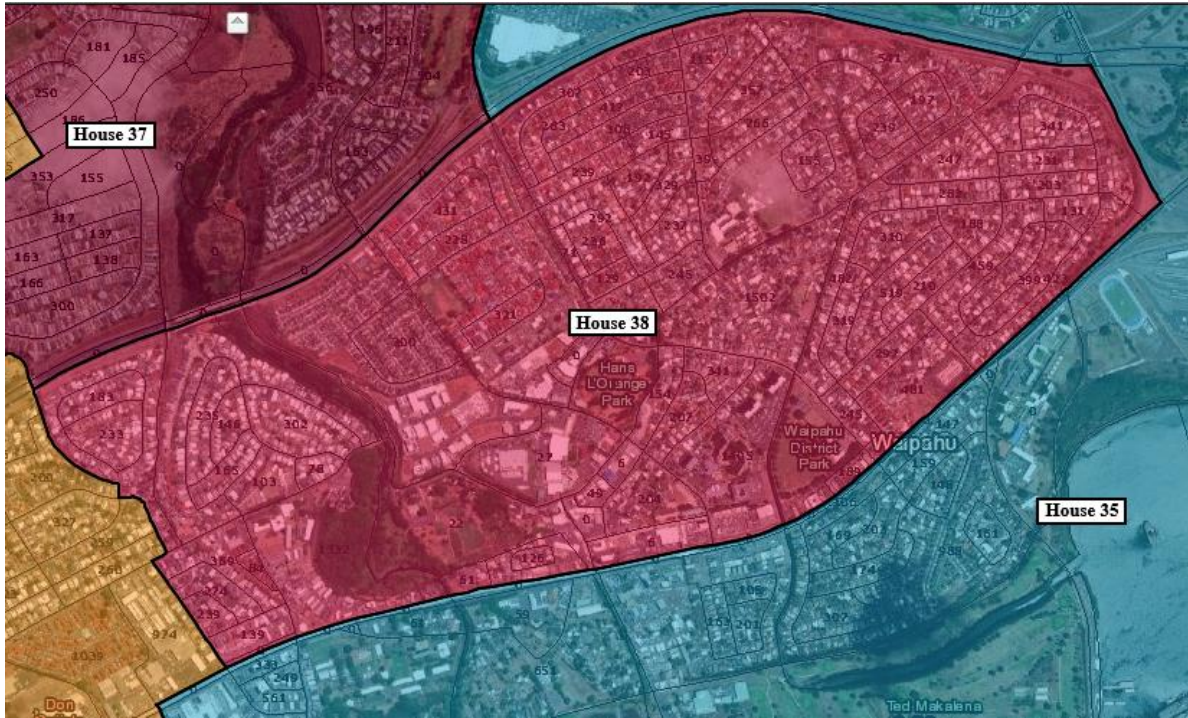


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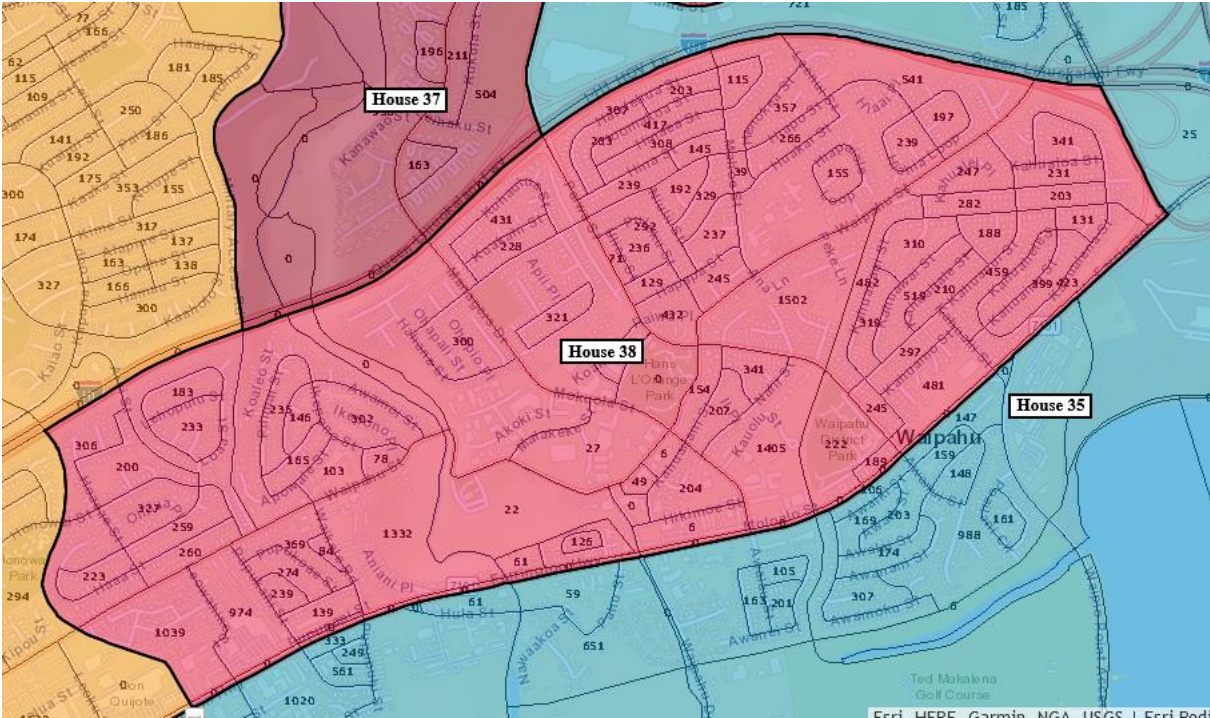


Current Plan 596



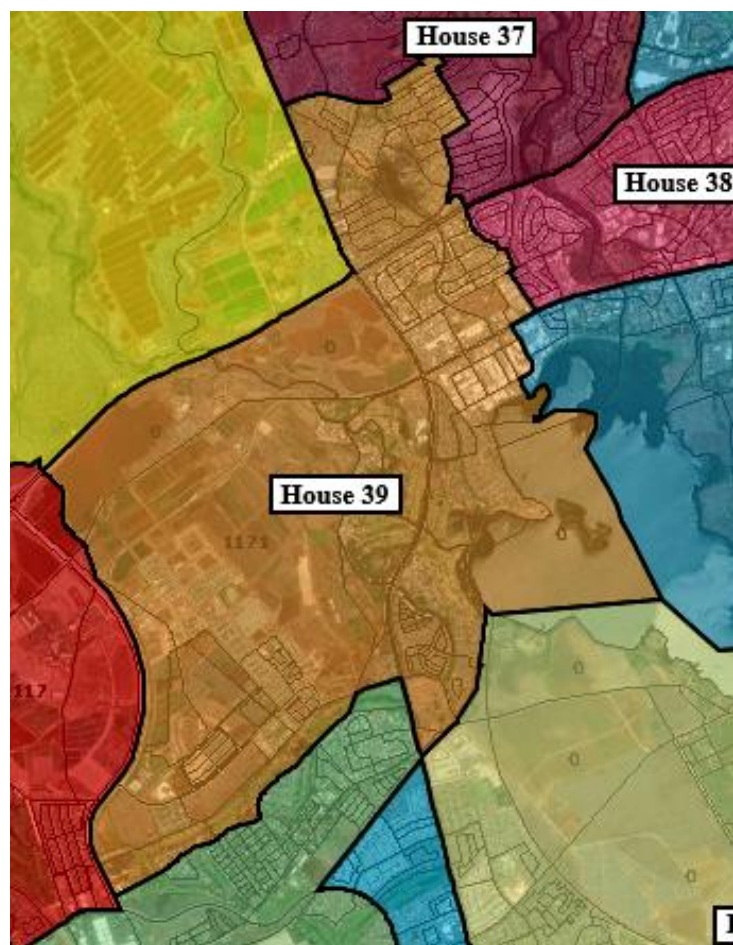


Hicks Plan 4

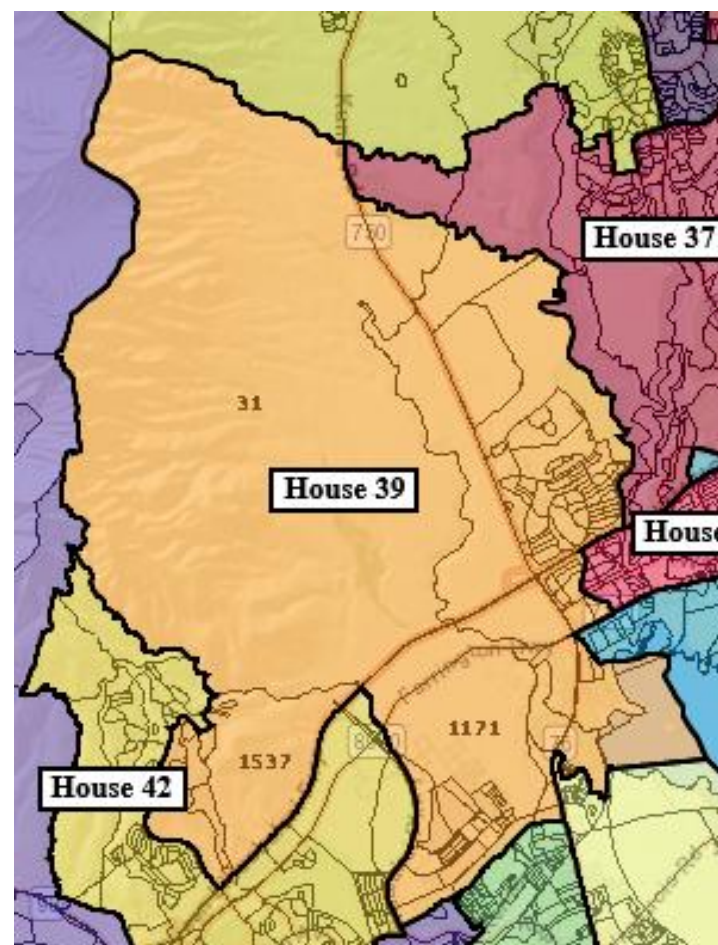


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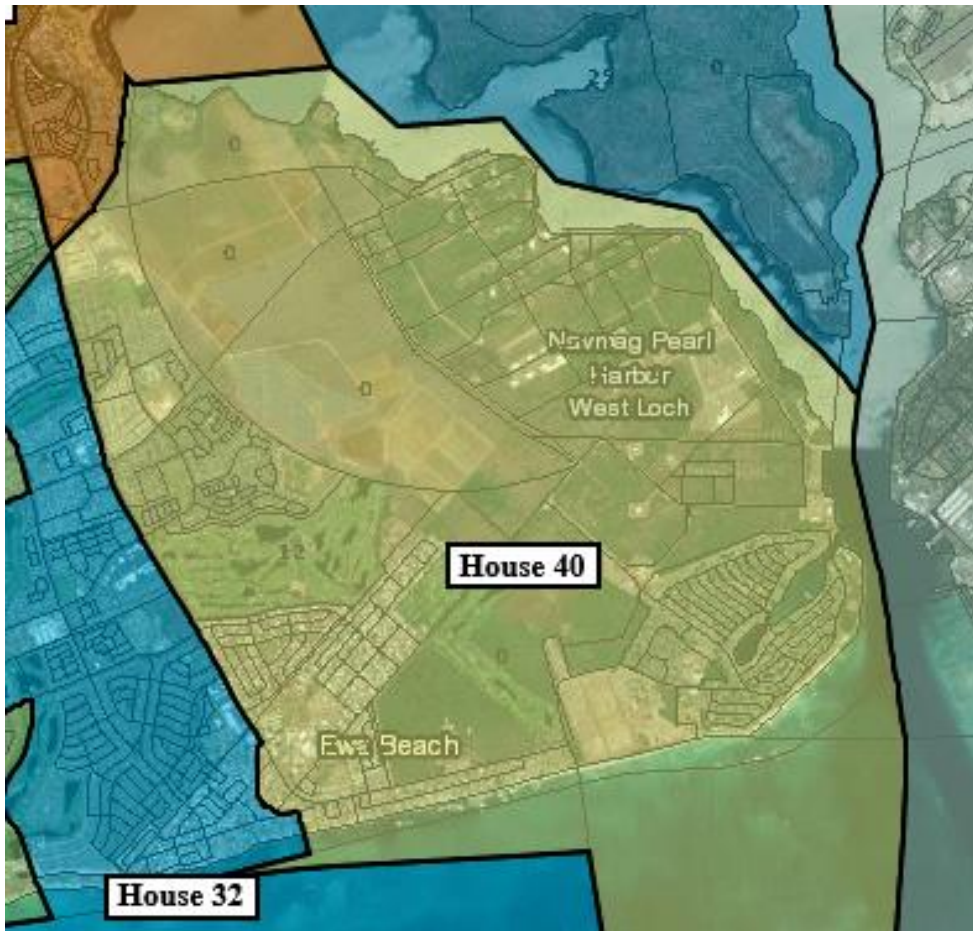




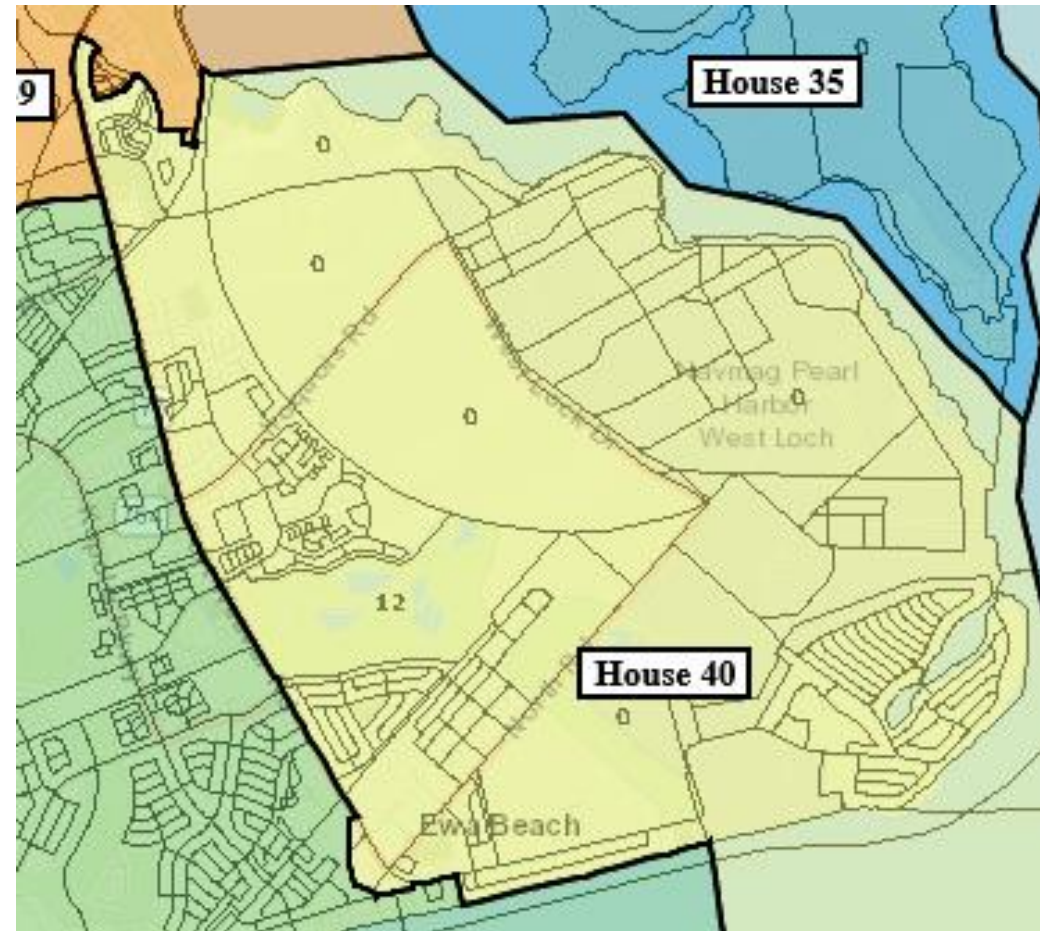
Hicks Plan 34



Current Plan 6926

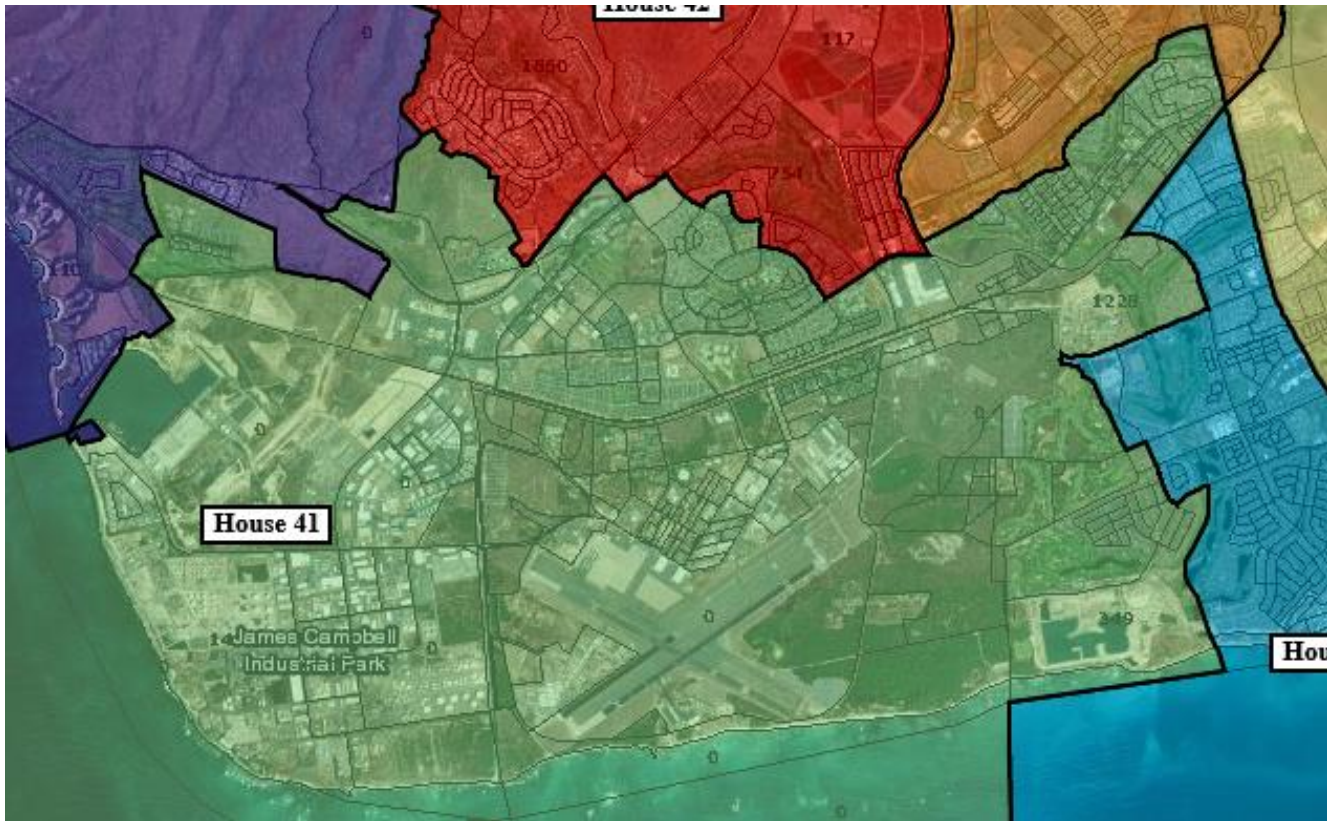


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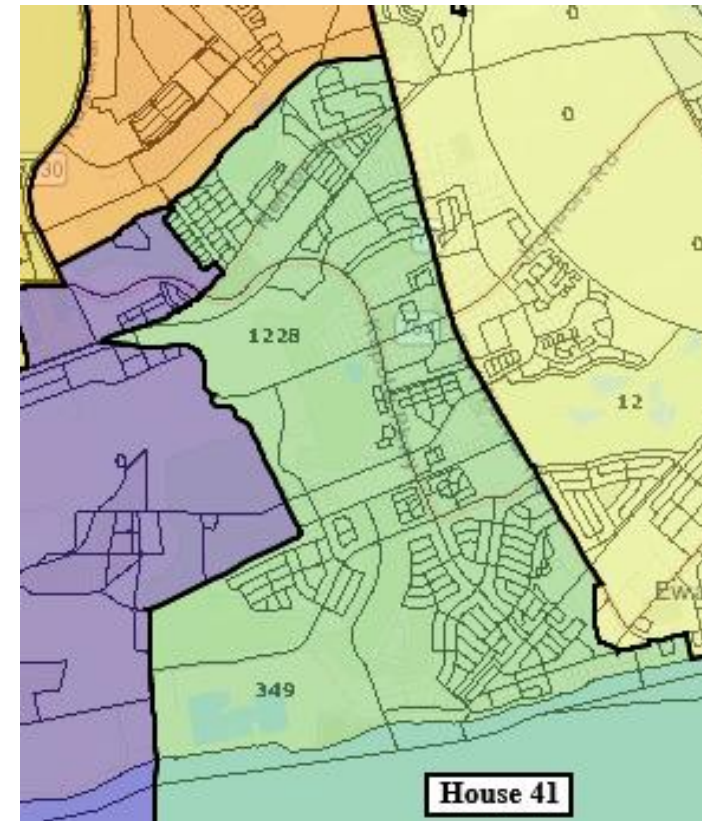


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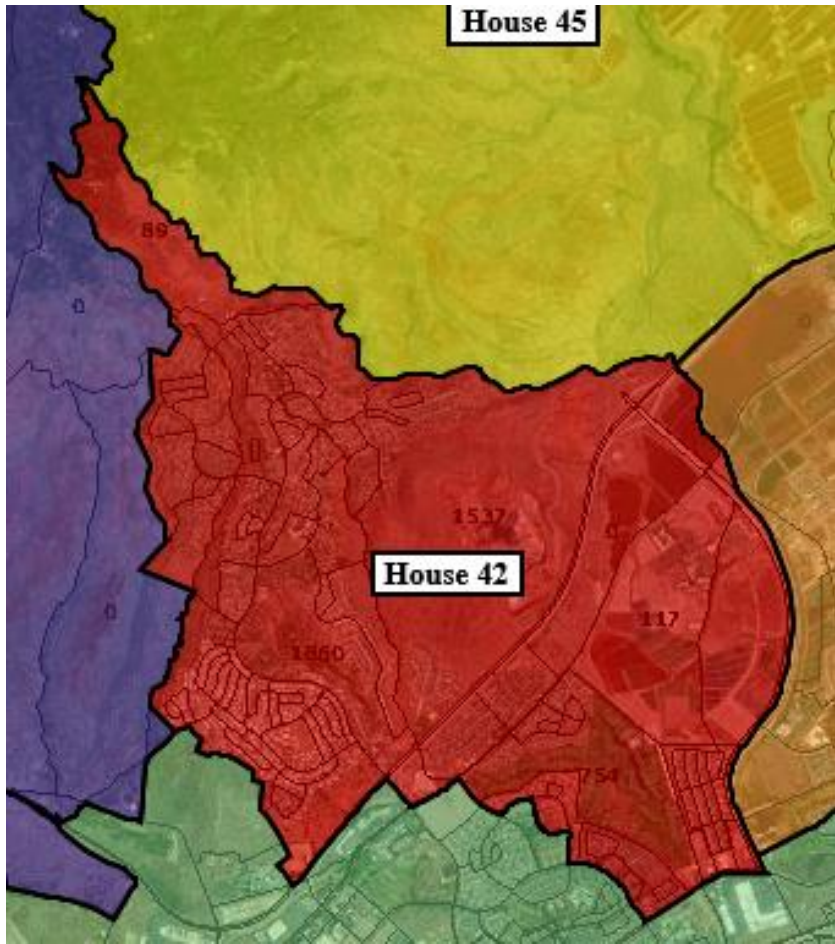




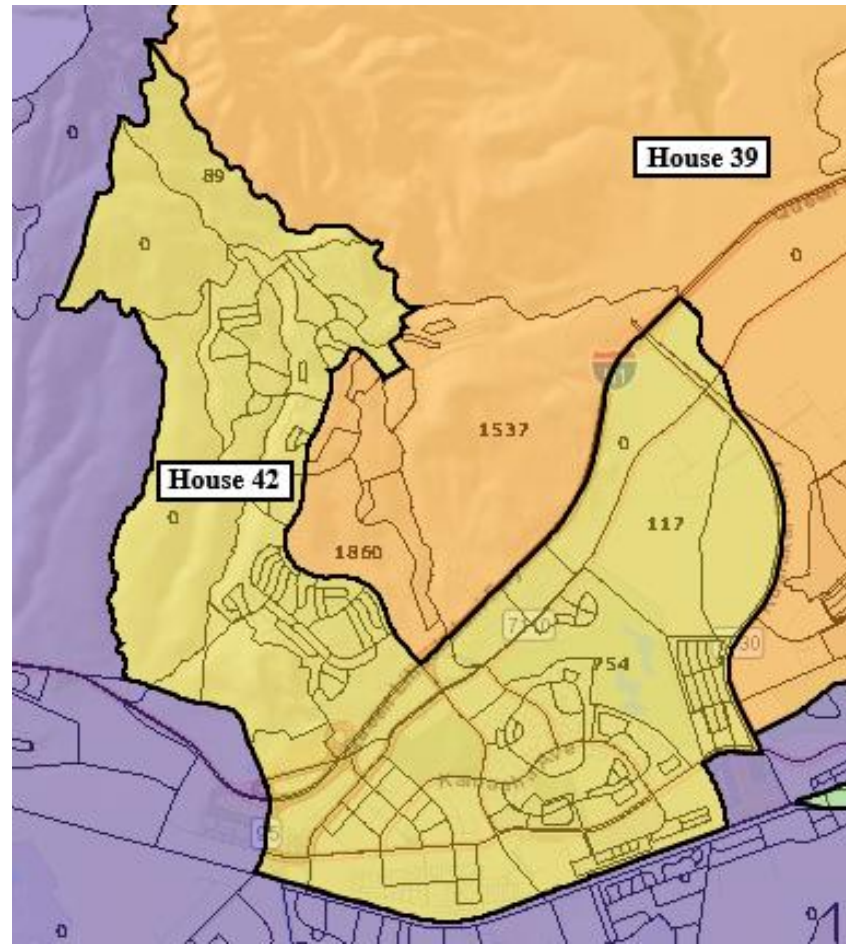
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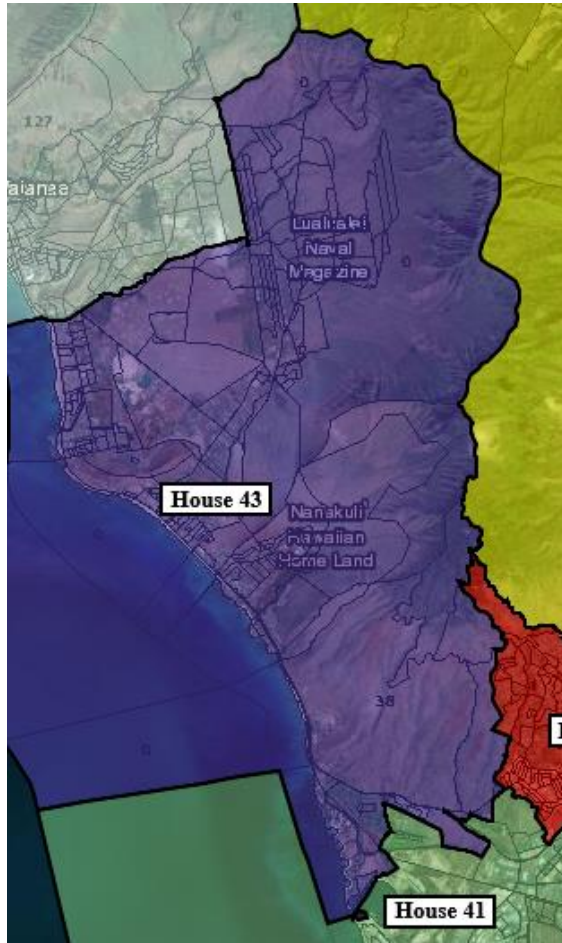


Hicks Plan -6

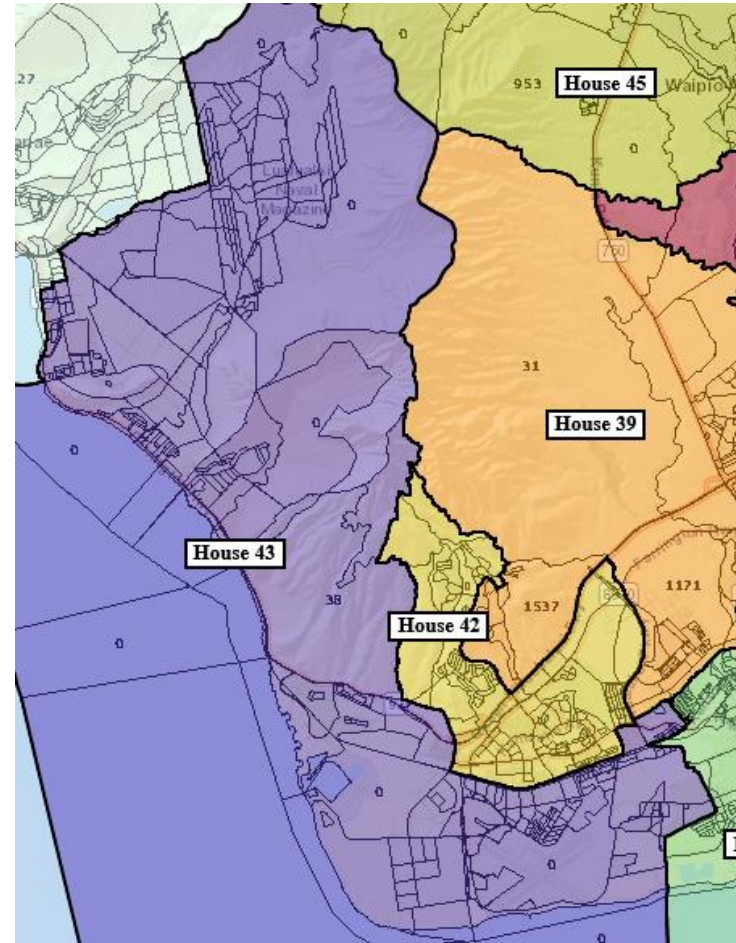


Current Plan 6948





Hicks Plan 135



Current Plan 1999

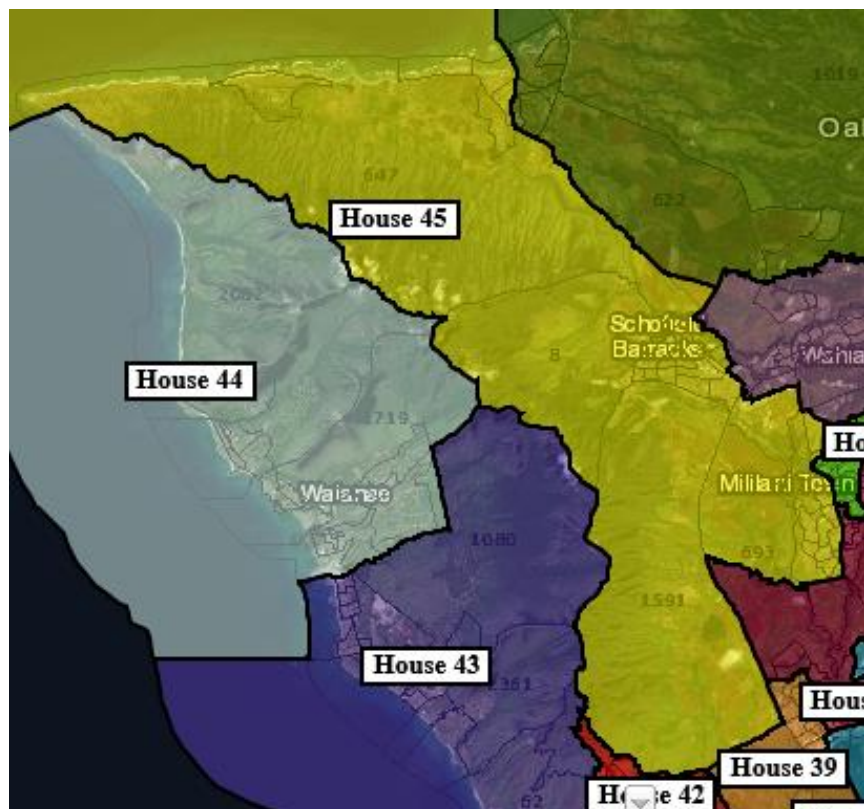


Hicks Plan 115

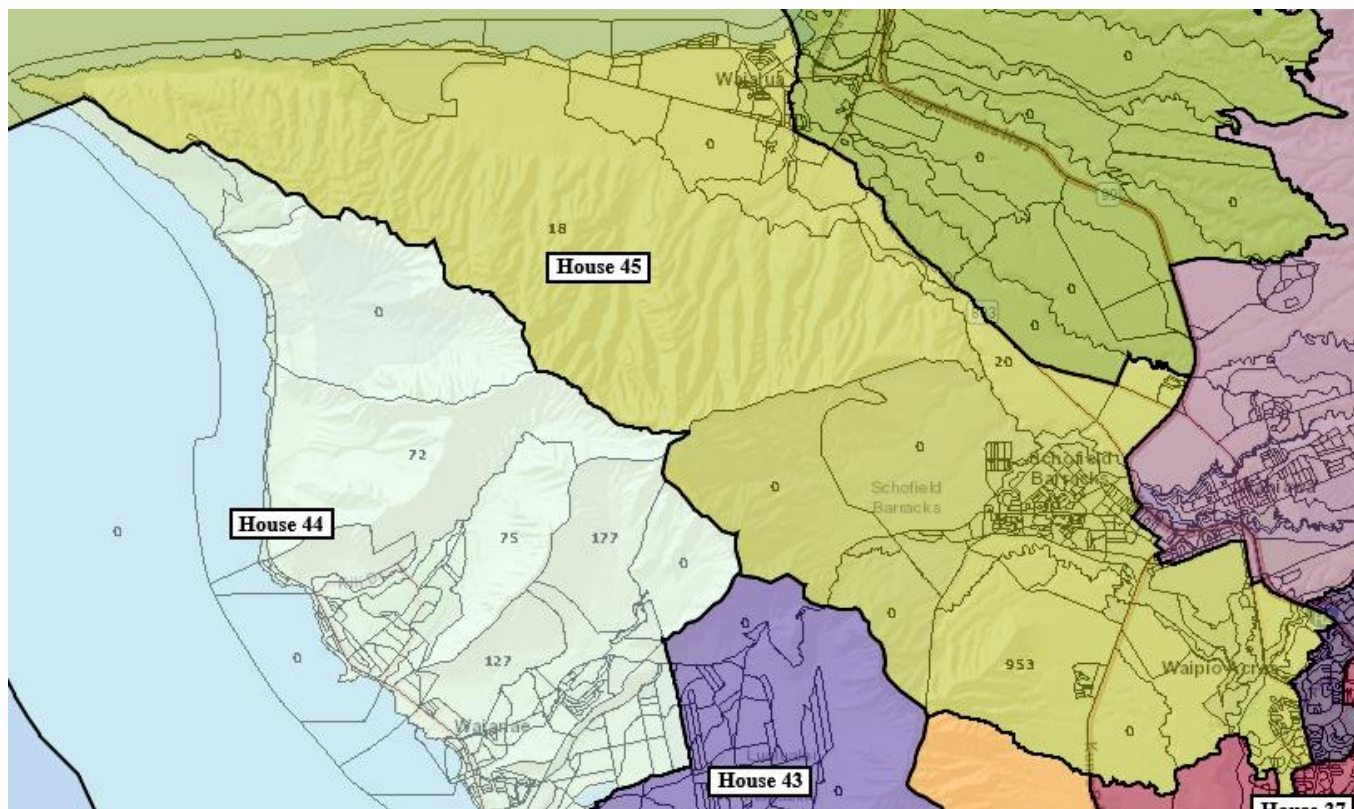


Current Plan 1691

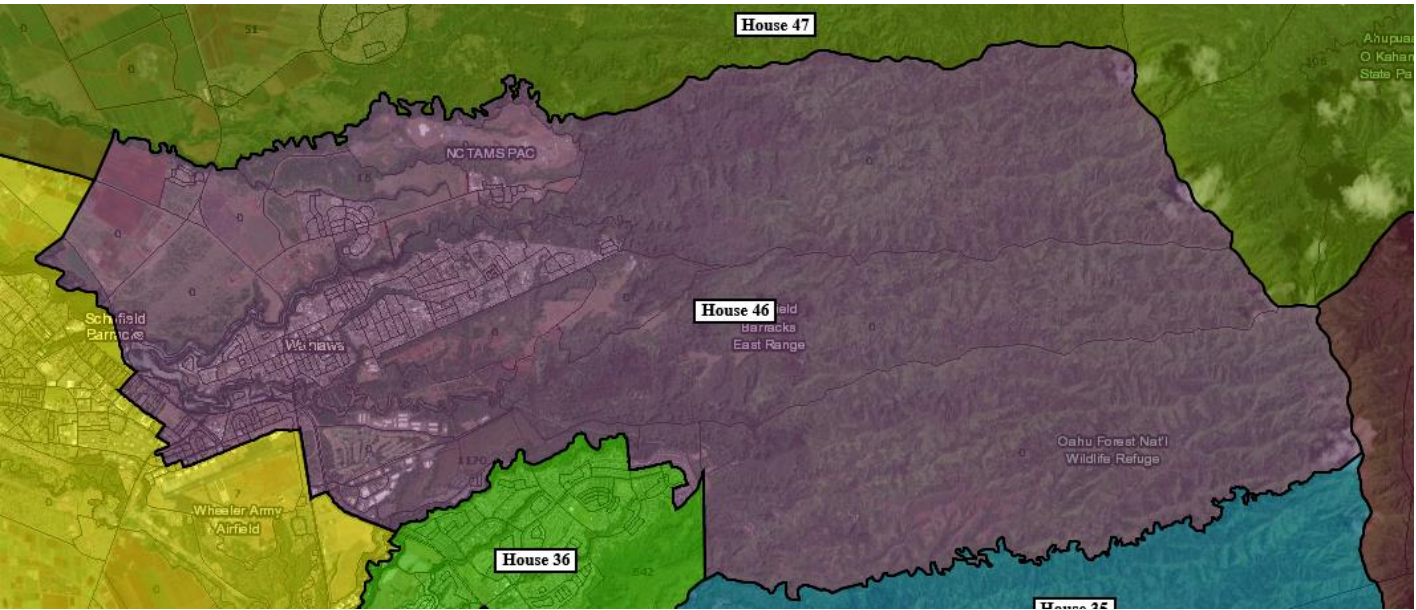




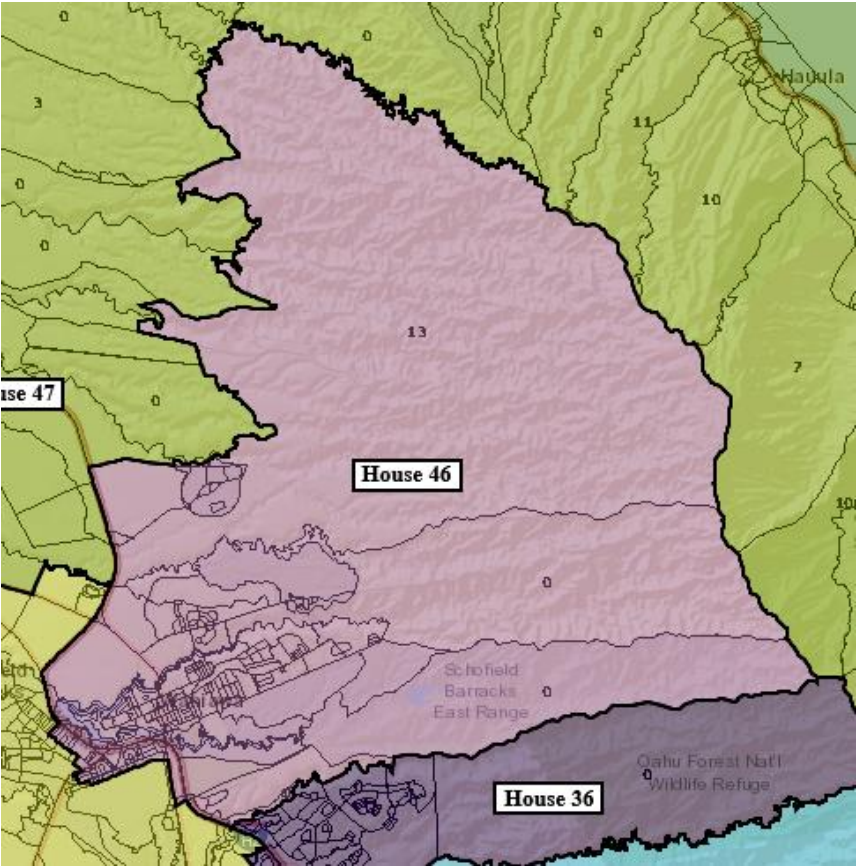
Hicks Plan -84



Current Plan -4477



Hicks Plan -274

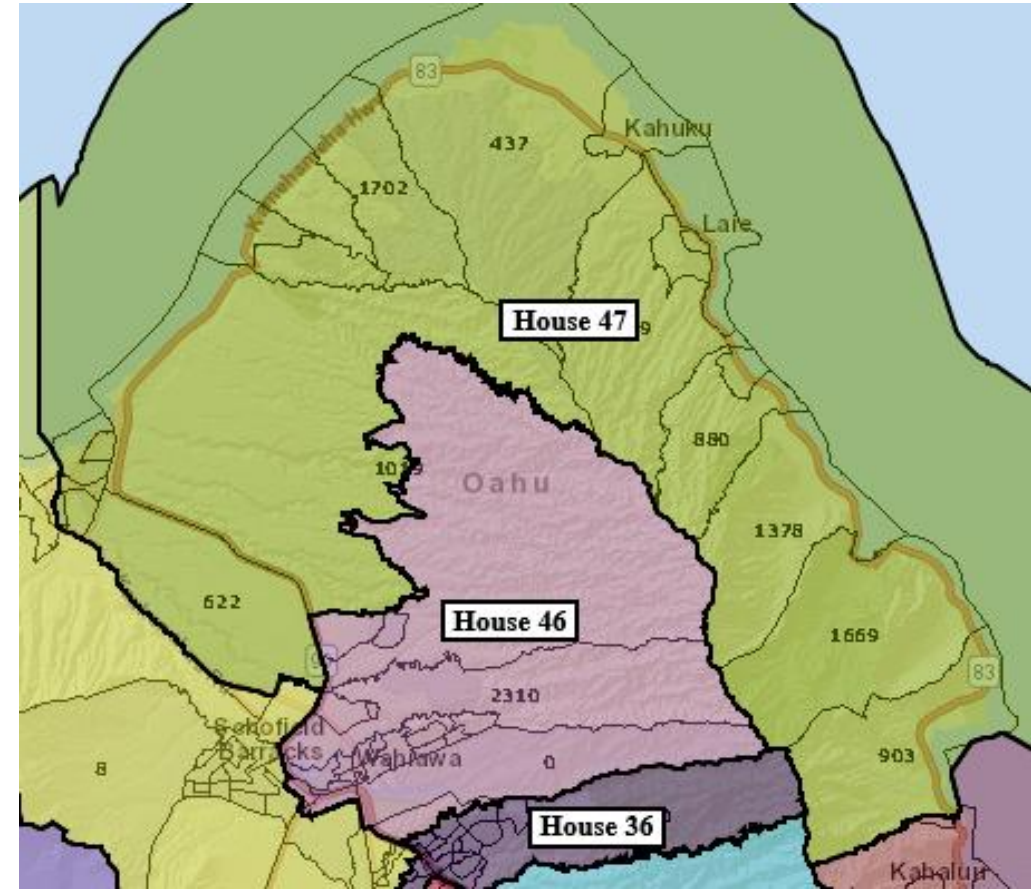


Current Plan 276

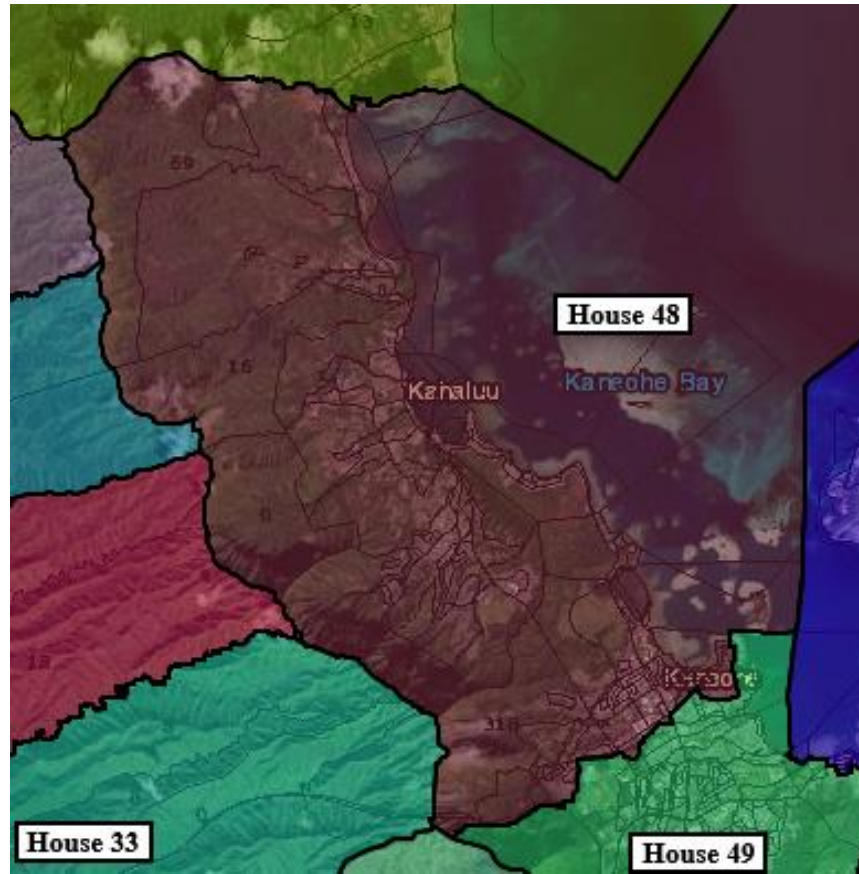




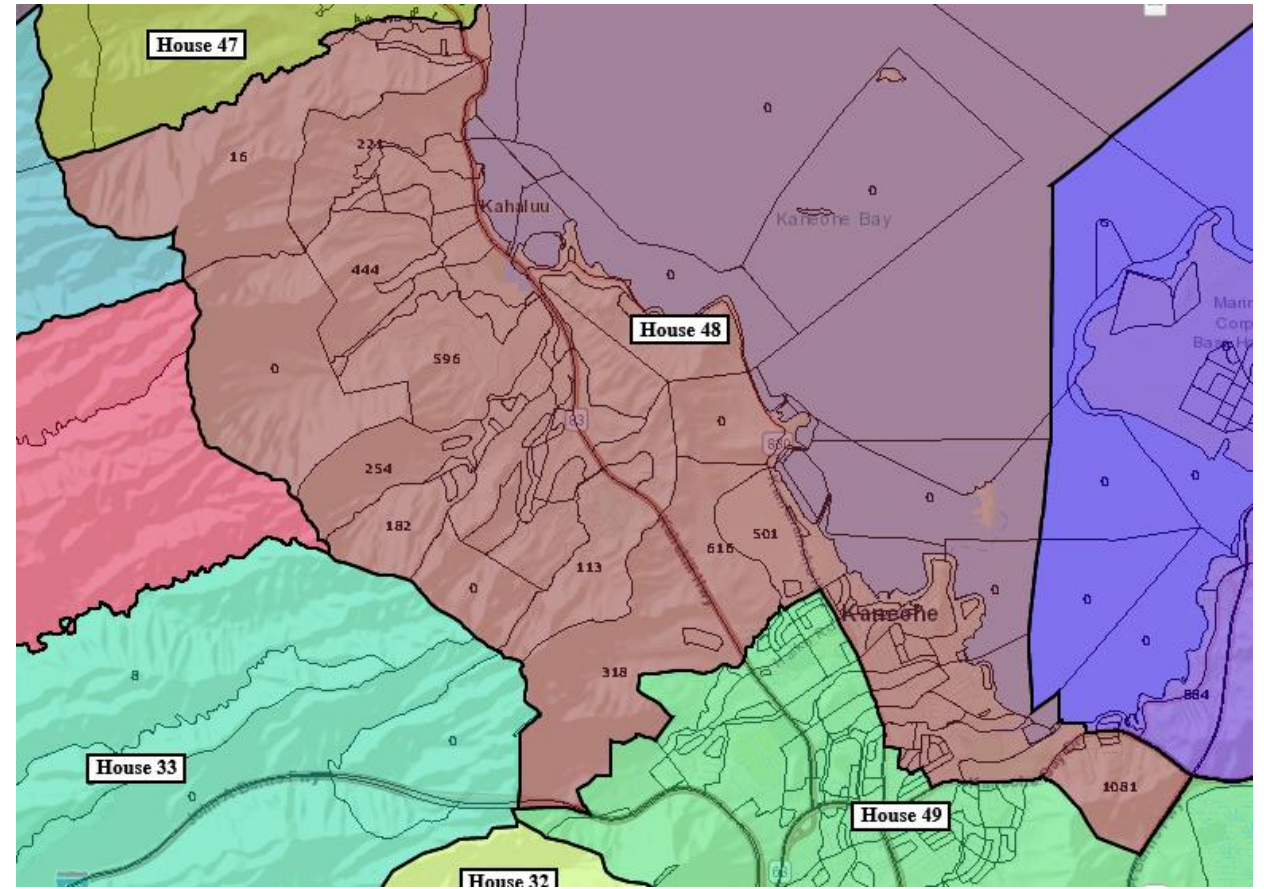
Hicks Plan -316



Current Plan -1499

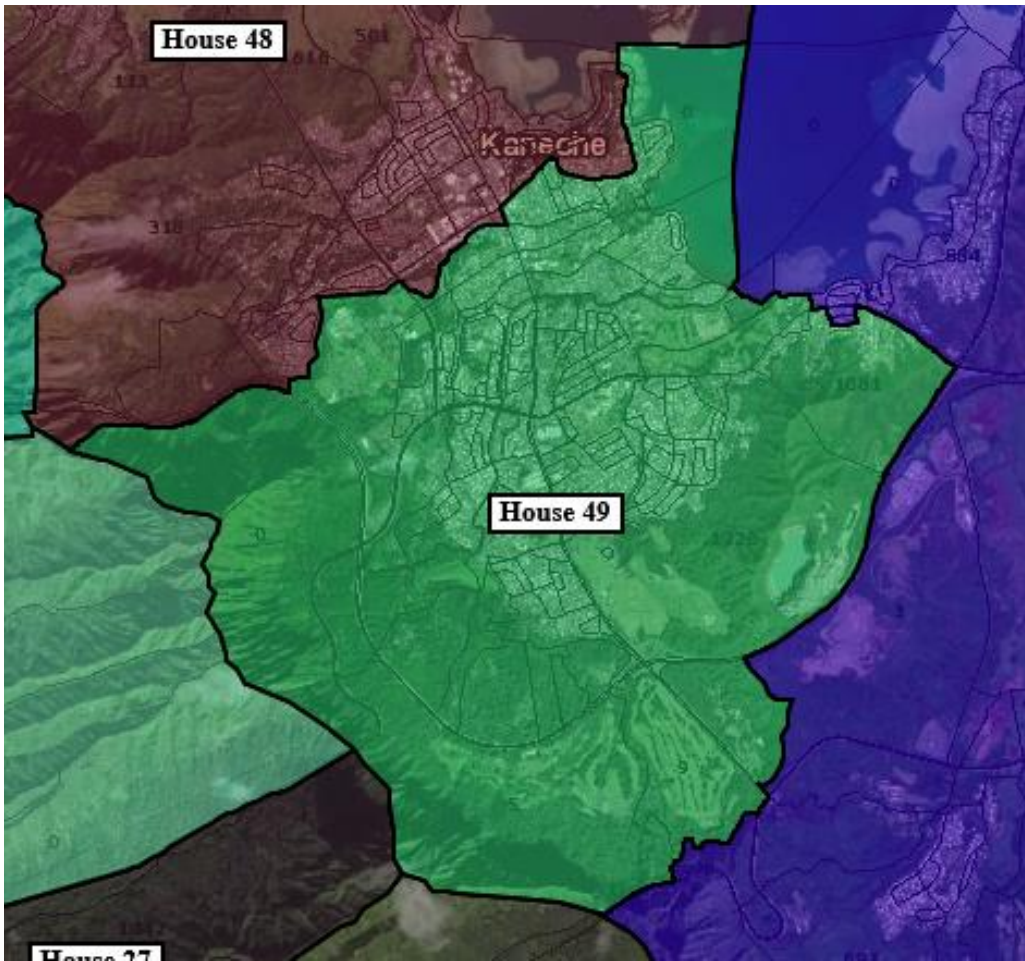


Hicks Plan -274

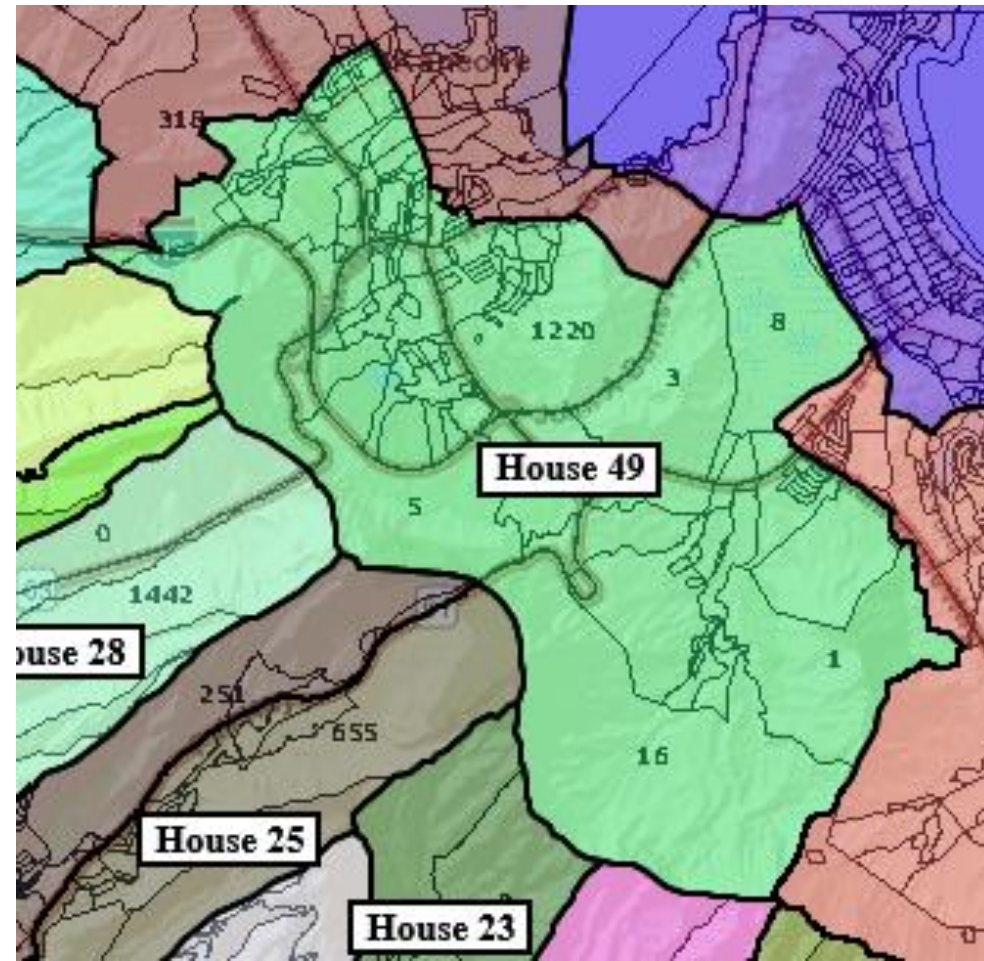


Current Plan 1350

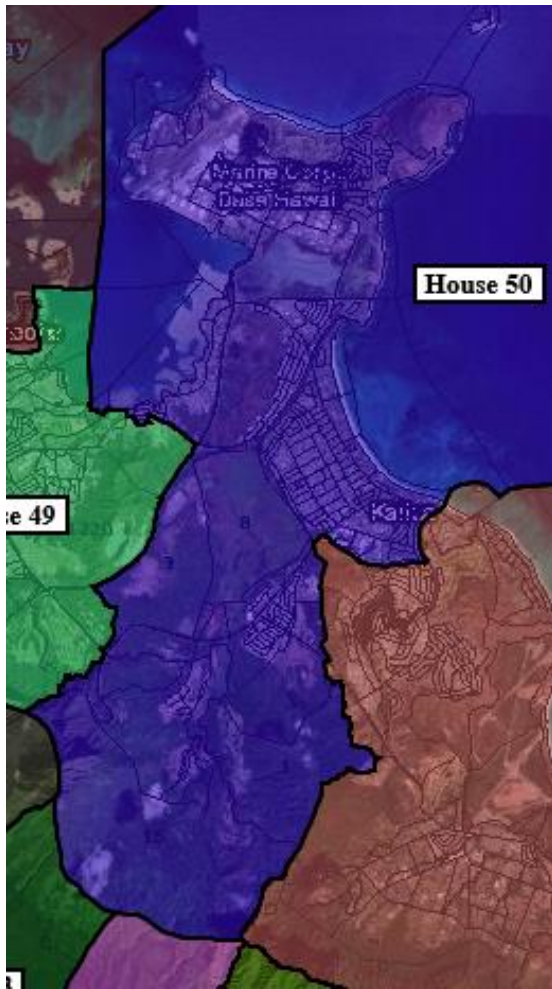




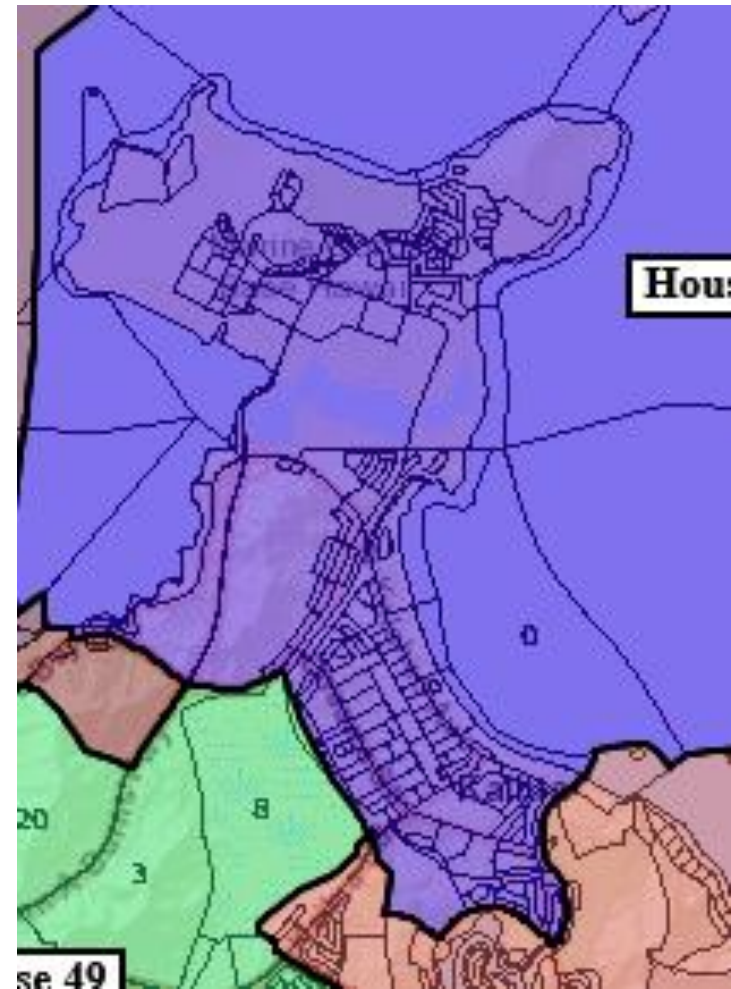
Hicks Plan -225



Current Plan 963

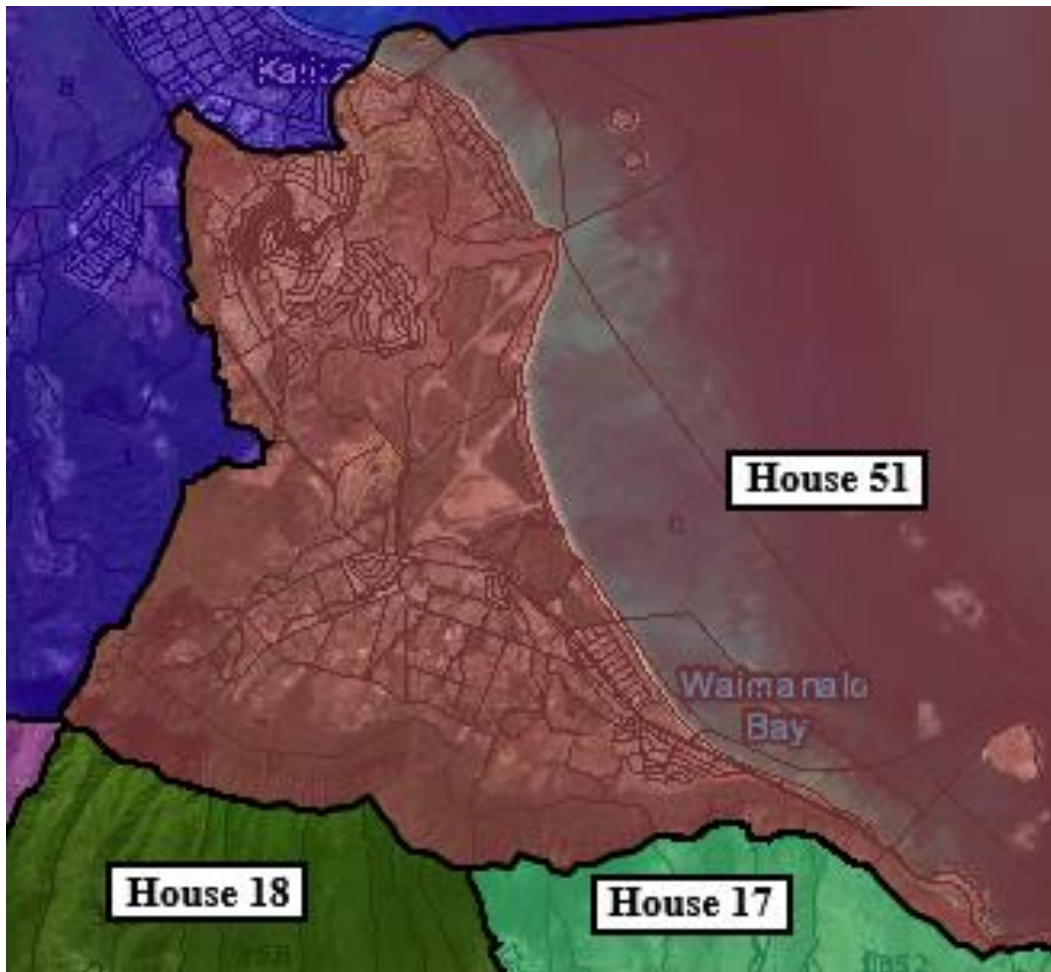


Hicks Plan -337

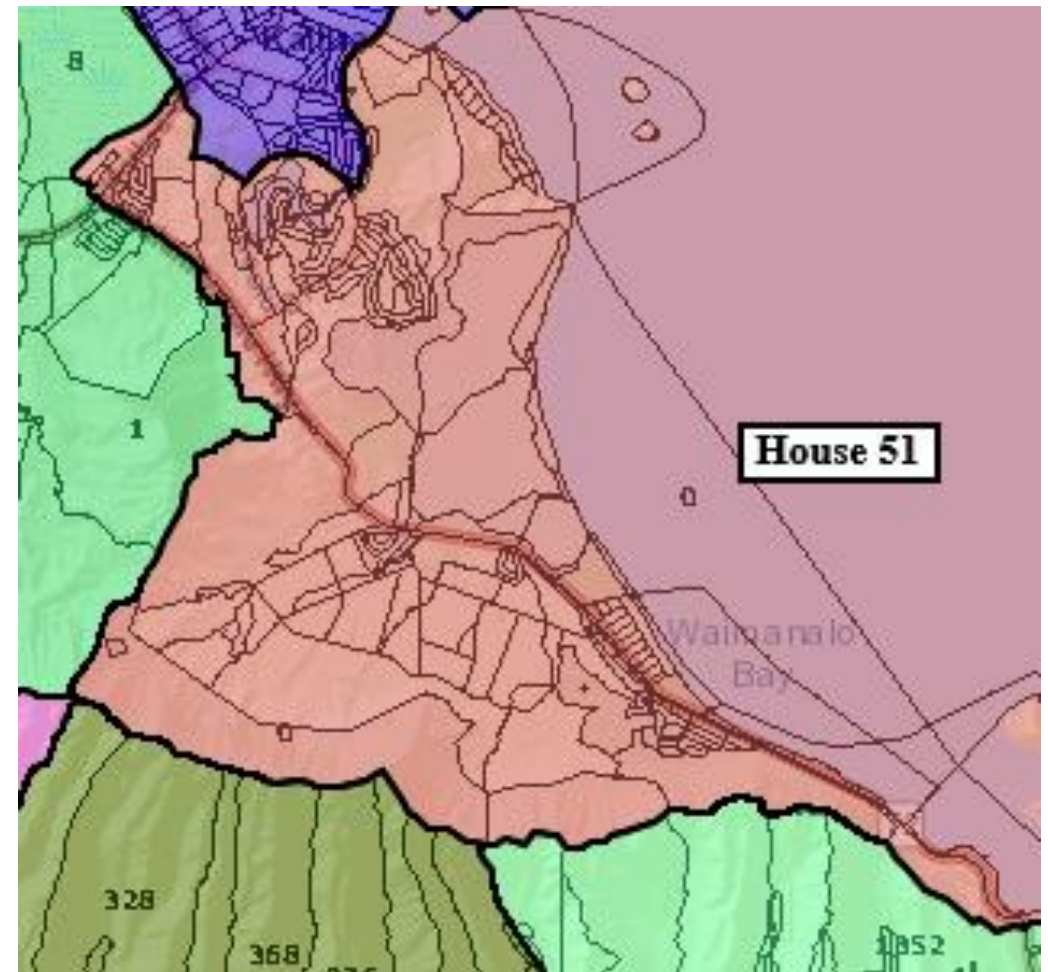


Current Plan -3753





Hicks Plan -193



Current Plan -134

# Alternative Oahu Senate Reapportionment Proposal

Bill Hicks

October 24, 2021



During the State of Hawaii Reapportionment Commission meeting on October 14, 2021 public testimony was received and Proposed Legislative Redistricting Plans by the Technical Committee Permitted Interaction Group were presented.

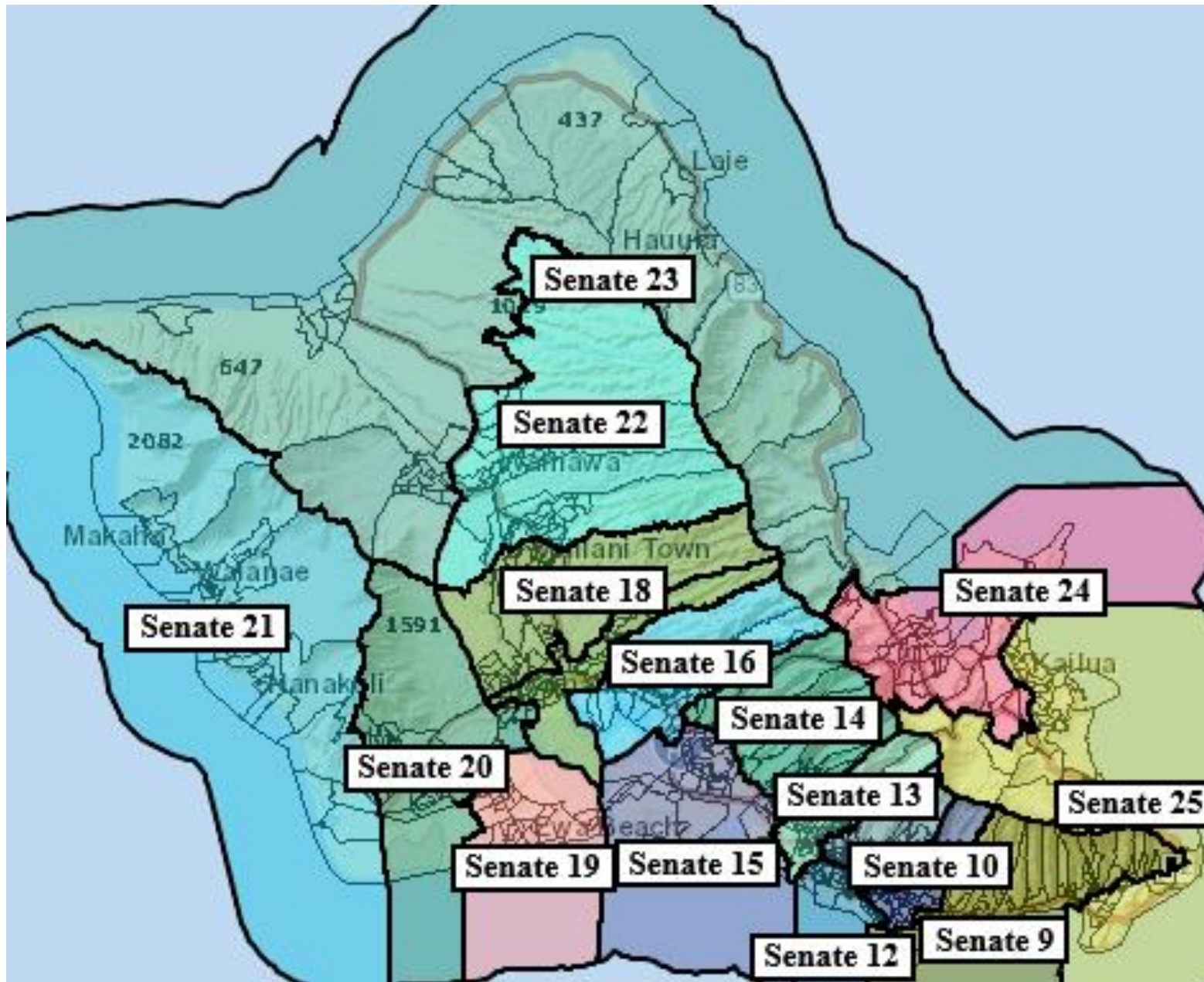
It was pointed out that, unlike the current House Districts 17 & 51 which keep the East Oahu and Windward Oahu communities separate by using Makapu'u Point as a boundary, the current Senate District 25 mixes East Oahu and Windward Oahu neighborhoods.

I constructed a redistricting proposal that keeps the East Oahu and Windward Oahu communities in separate districts once again.

In the process I found the population deviation between the districts could also be significantly reduced (from 7.93% to 2.02%)

I hope this proposal can be used as a starting point for further development. It was submitted and can be found at <https://redistricting.hawaii.esriemcs.com> (Open Plan > Shared Plan > Everyone).

Plan Name	Owner	Description	Created	Last Modified
Bill Hicks' Oahu Senate Redistricting Proposal	Bill75	Unlike the current House Districts 17 & 51 which keep the East Oahu and Windward Oahu communities separate by using Makapu'u Point as a boundary, the current Senate District 25 mixes East Oahu and Windward Oahu neighborhoods. This proposal uses Makapu'u Point as a boundary to not mix East Oahu and Windward Oahu communities. It also balances the population better, with a 2.02% deviation (vs. 7.93% for the TG plan).	2021-10-24 11:53	2021-10-24 11:53

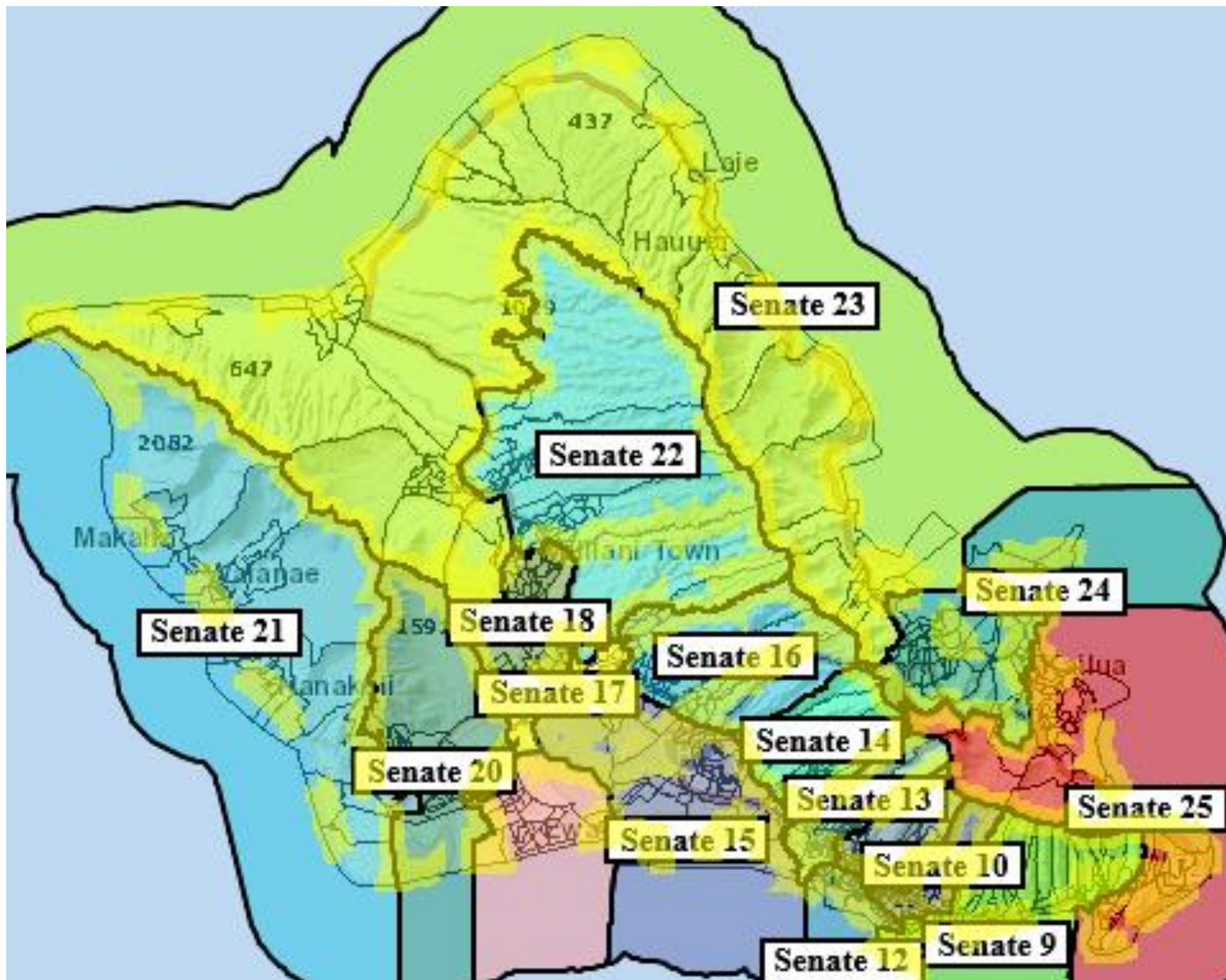


### Current Districts

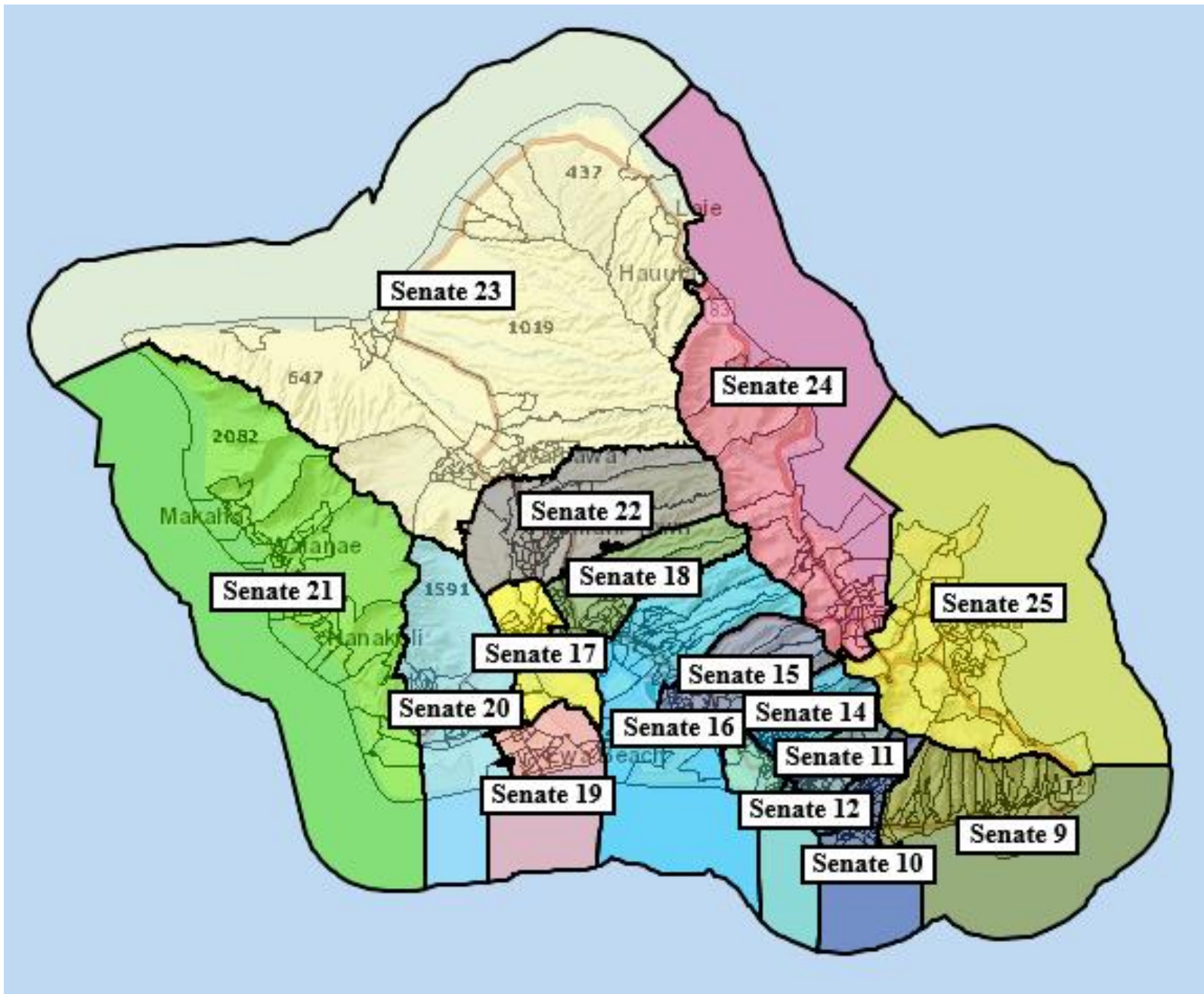
9	-894	-1.61%
10	337	0.61%
11	-2138	-3.84%
12	8541	15.35%
13	-958	-1.72%
14	98	0.18%
15	-3124	-5.61%
16	-3446	-6.19%
17	586	1.05%
18	1220	2.19%
19	7539	13.54%
20	8415	15.12%
21	-594	-1.07%
22	-3590	-6.45%
23	-8552	-15.37%
24	-2909	-5.23%
25	-533	-0.96%

Current Districts





TG Proposed Districts		
9	-1205	-2.17%
10	-827	-1.49%
11	-246	-0.44%
12	-905	-1.63%
13	255	0.46%
14	339	0.61%
15	621	1.12%
16	1273	2.29%
17	1971	3.54%
18	2104	3.78%
19	1593	2.86%
20	2129	3.83%
21	706	1.27%
22	-2070	-3.72%
23	-2284	-4.10%
24	-1815	-3.26%
25	-1644	-2.95%



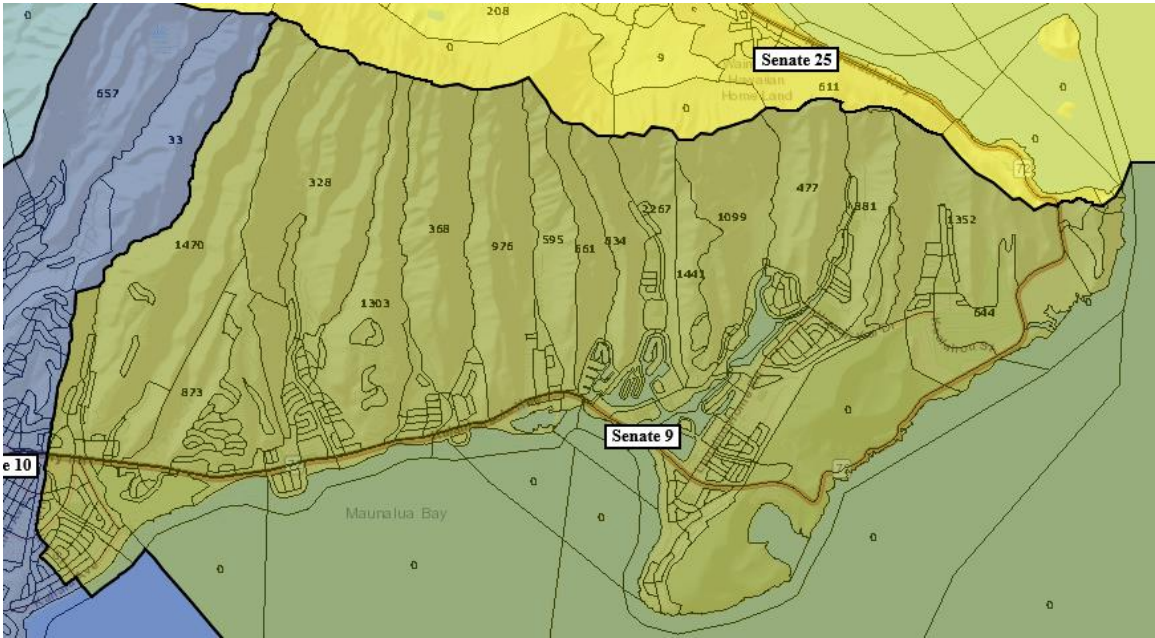
# Bill Hicks' Proposed Districts

9	-231	-0.42%
10	337	0.61%
11	- 30	-0.05%
12	529	0.95%
13	-545	-0.98%
14	225	0.40%
15	53	0.10%
16	281	0.51%
17	-198	-0.36%
18	- 99	-0.18%
19	-348	-0.63%
20	95	0.17%
21	-594	-1.07%
22	-204	-0.37%
23	472	0.85%
24	-184	-0.33%
25	436	0.78%

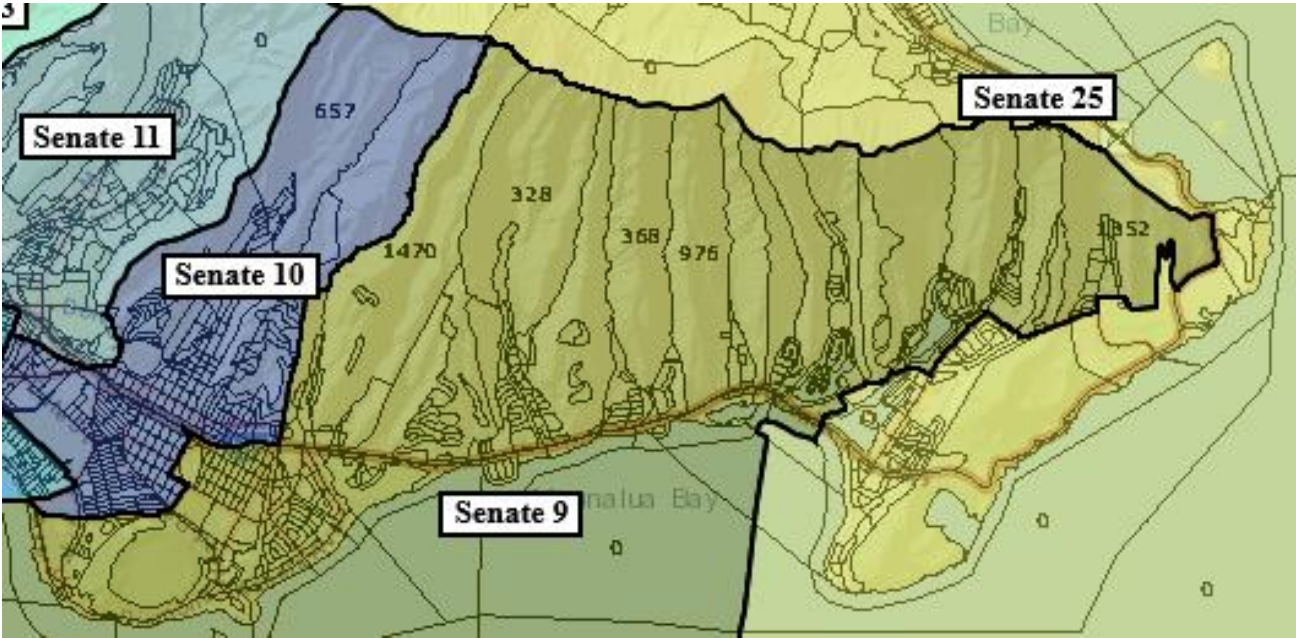


# Better Population Balance and Keeping East Oahu and Windward Oahu in Separate Districts

- This plan uses mountain ridges, highways, and streams as district boundaries as much as possible
- This plan uses Makapu'u Point as a boundary to keep East Oahu and Windward Oahu in separate districts
- This plan has better population balance than the TG plan
  - 16 Districts 0 +/- .99% (vs. only 3 Districts)
  - 1 District is -1.07%
  - 0 Districts > 1.07% (vs. 14 districts greater than that, up to 3.83 & -4.10)
  - Total deviation is 2.02% (-1.07% to 0.95%) versus 7.93% (-4.10% to 3.83%)

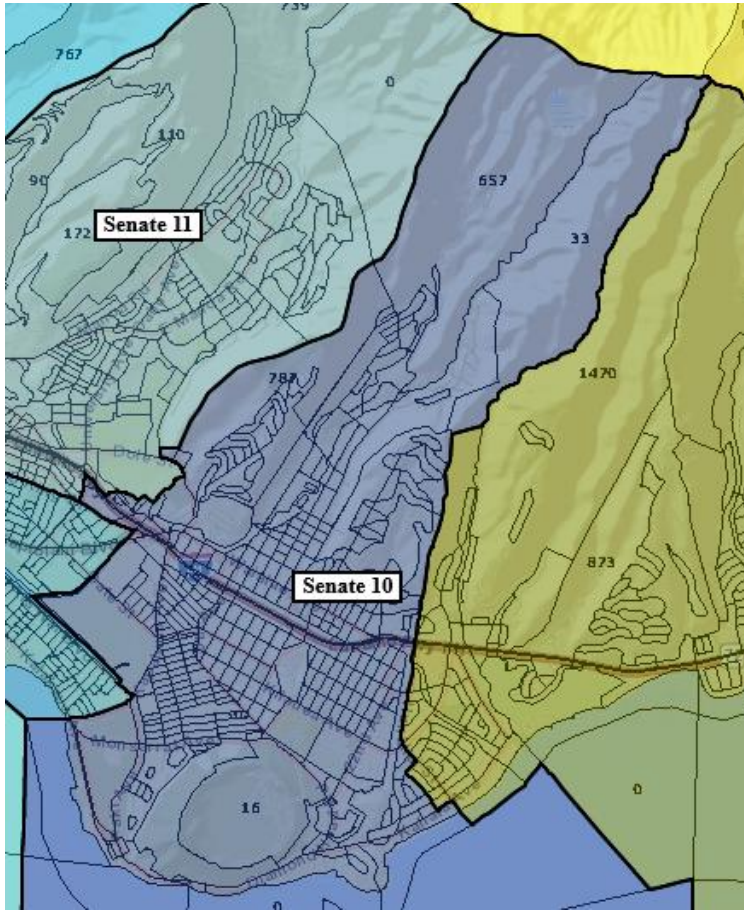


Hicks Plan -231

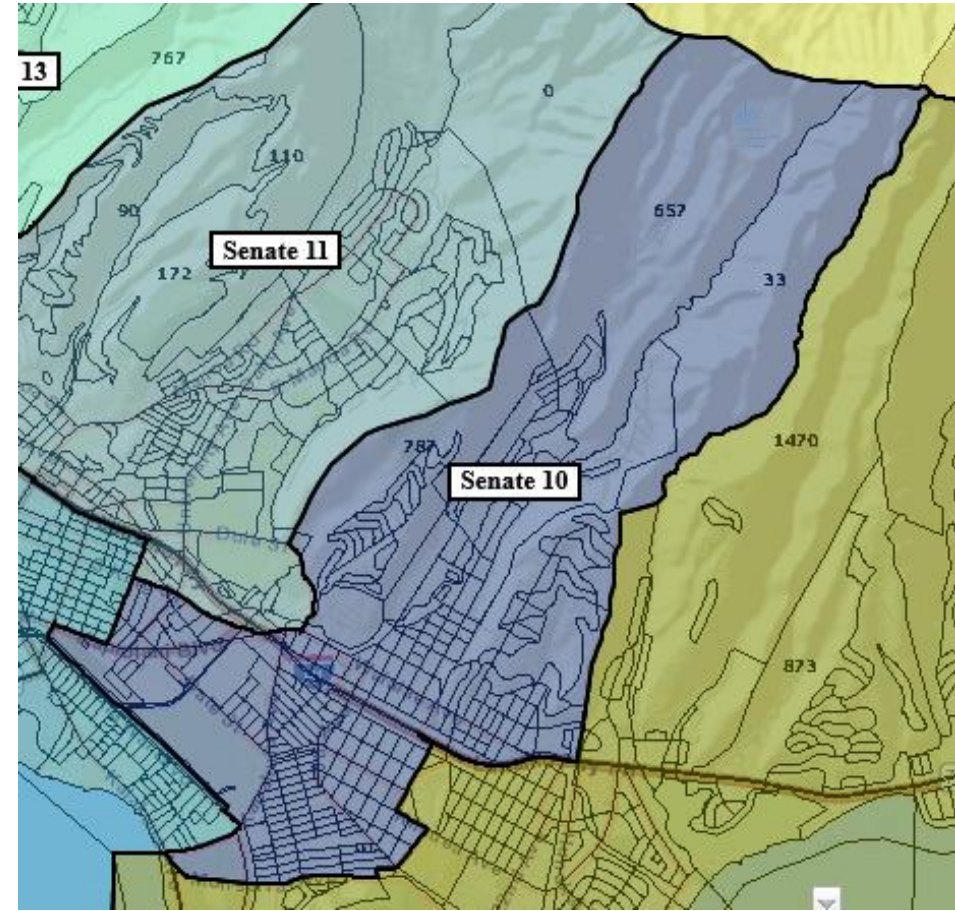


Current Plan -894



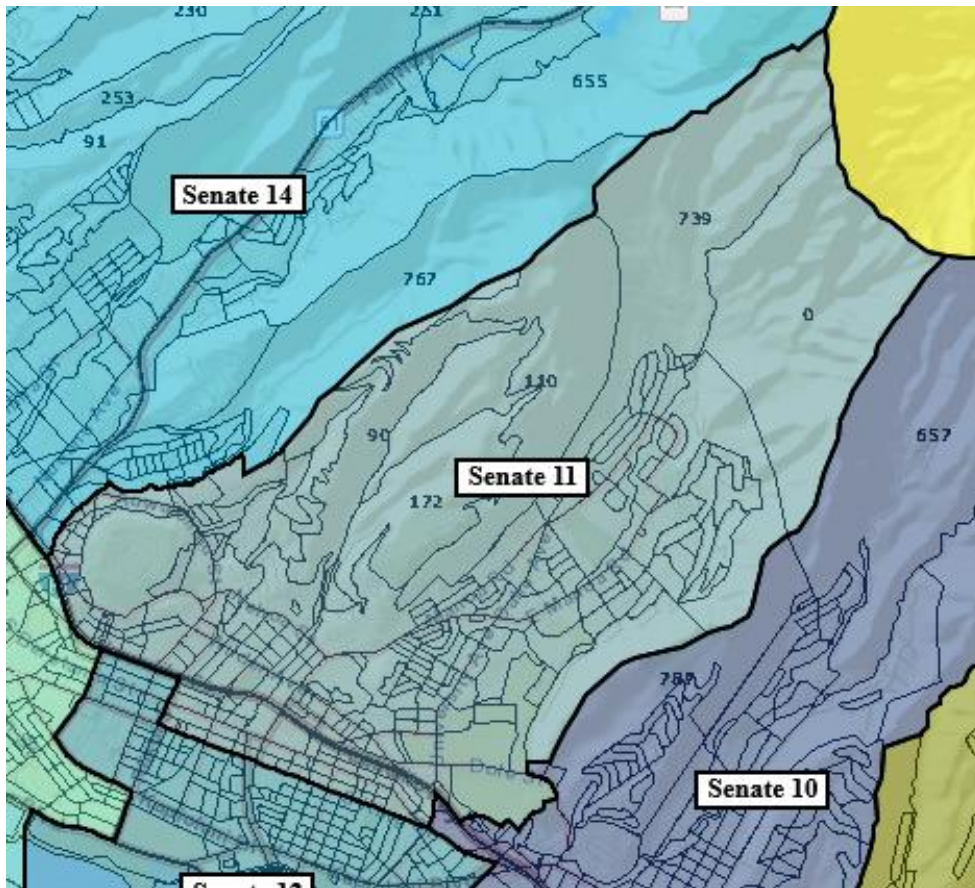


Hicks Plan 337

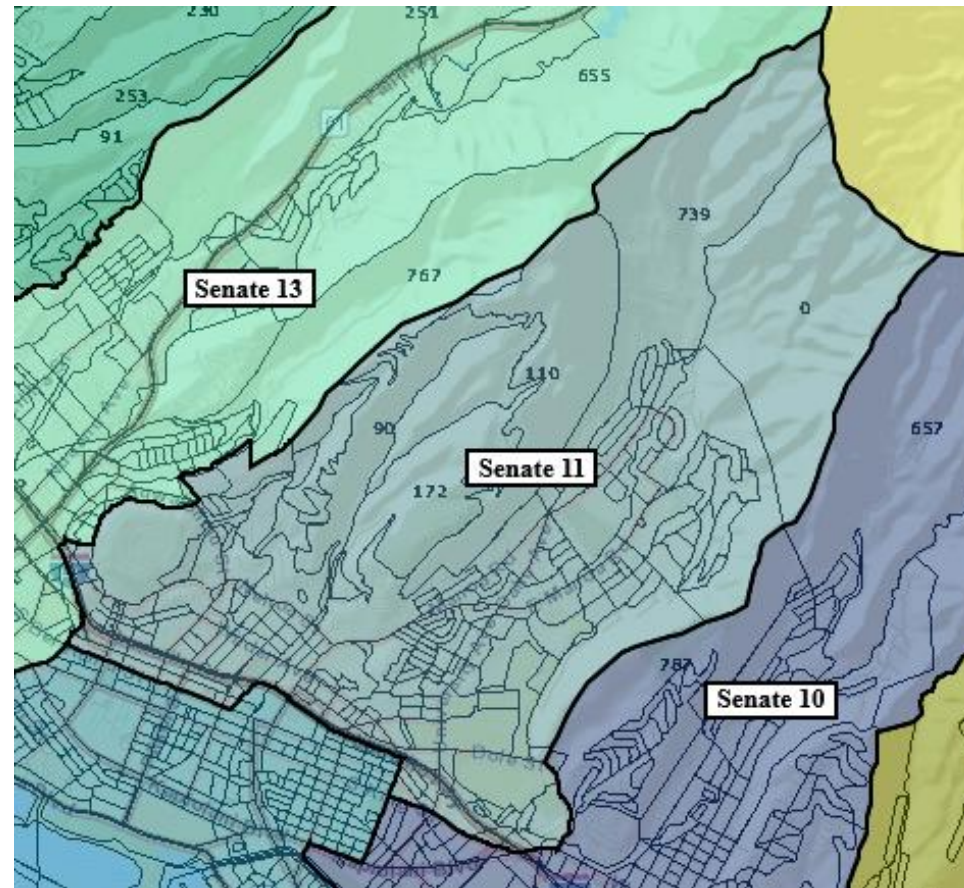


Current Plan 337



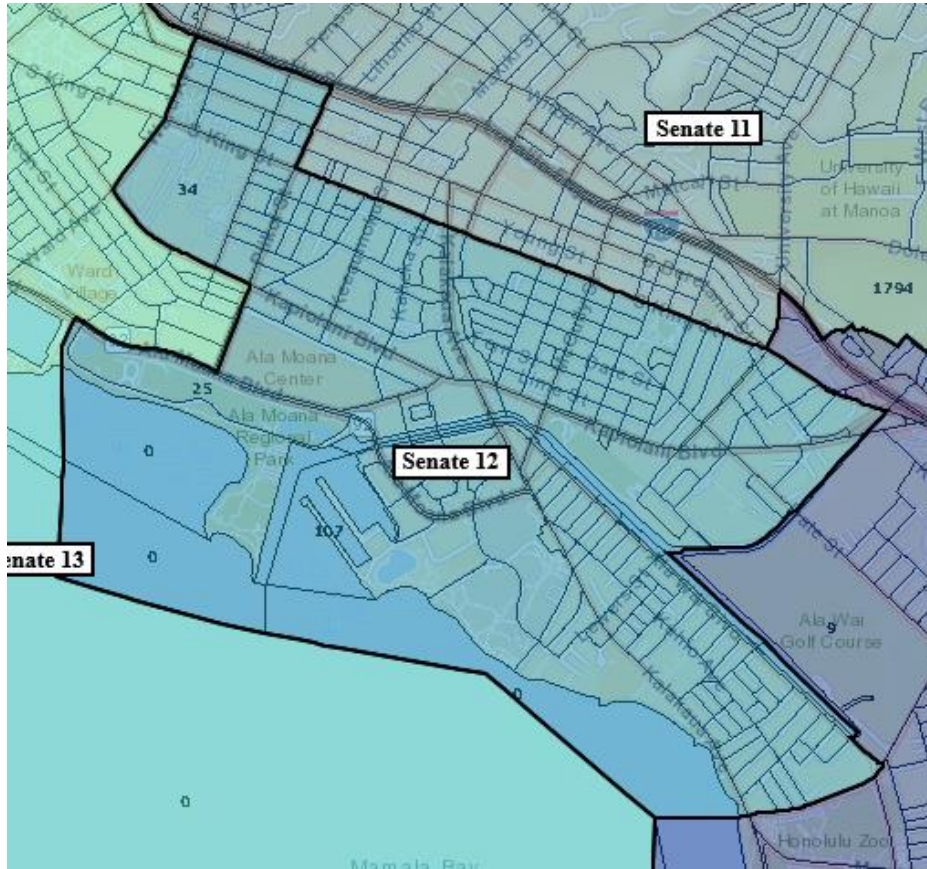


Hicks Plan -30

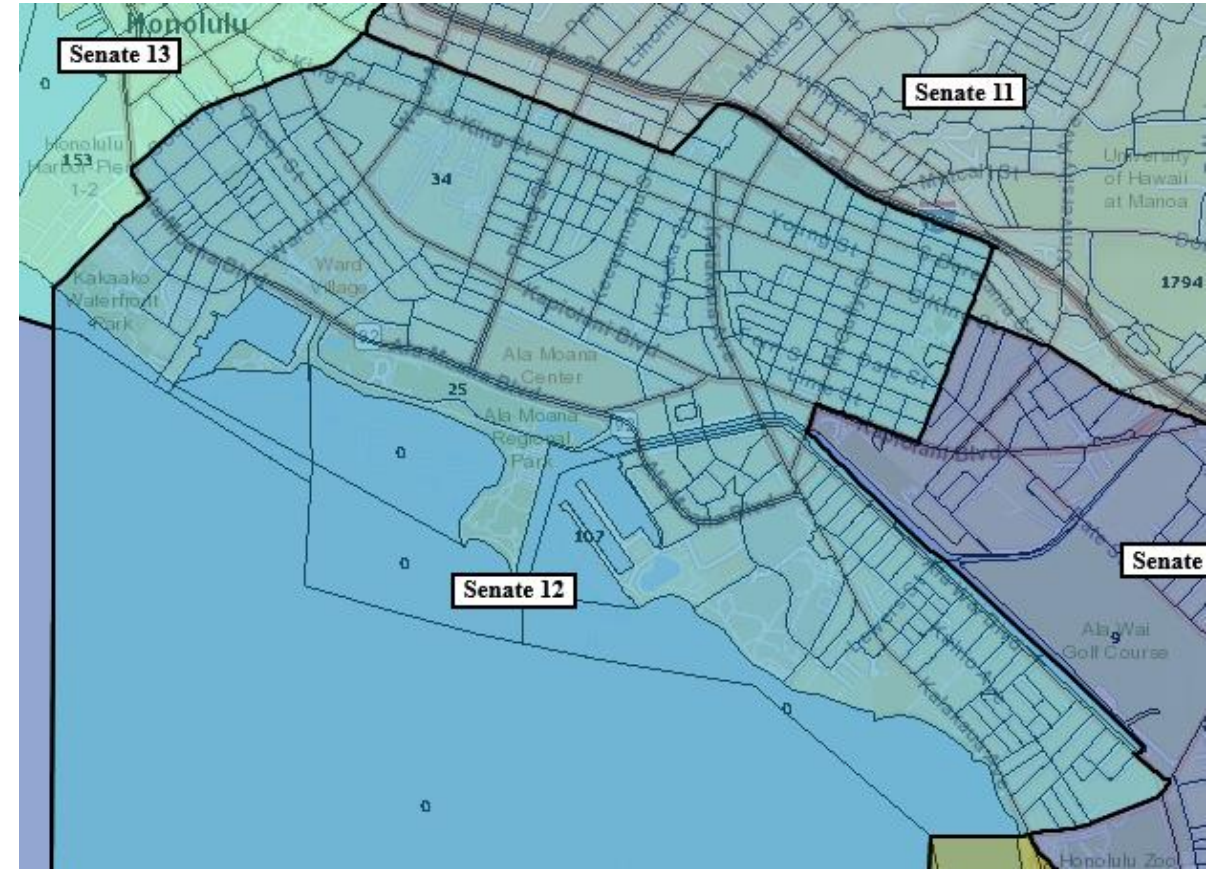


Current Plan -2138



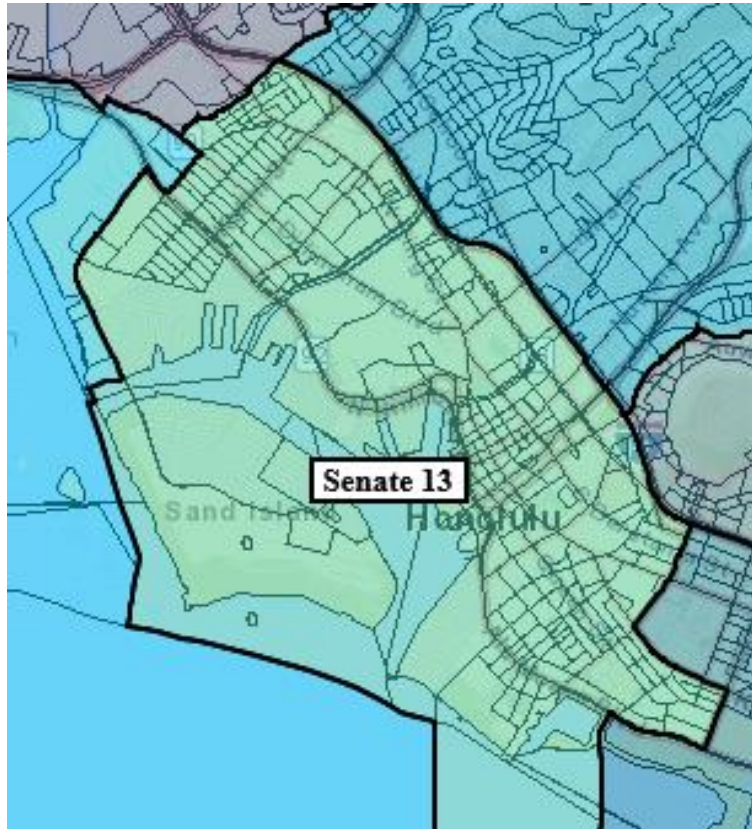


Hicks Plan 529

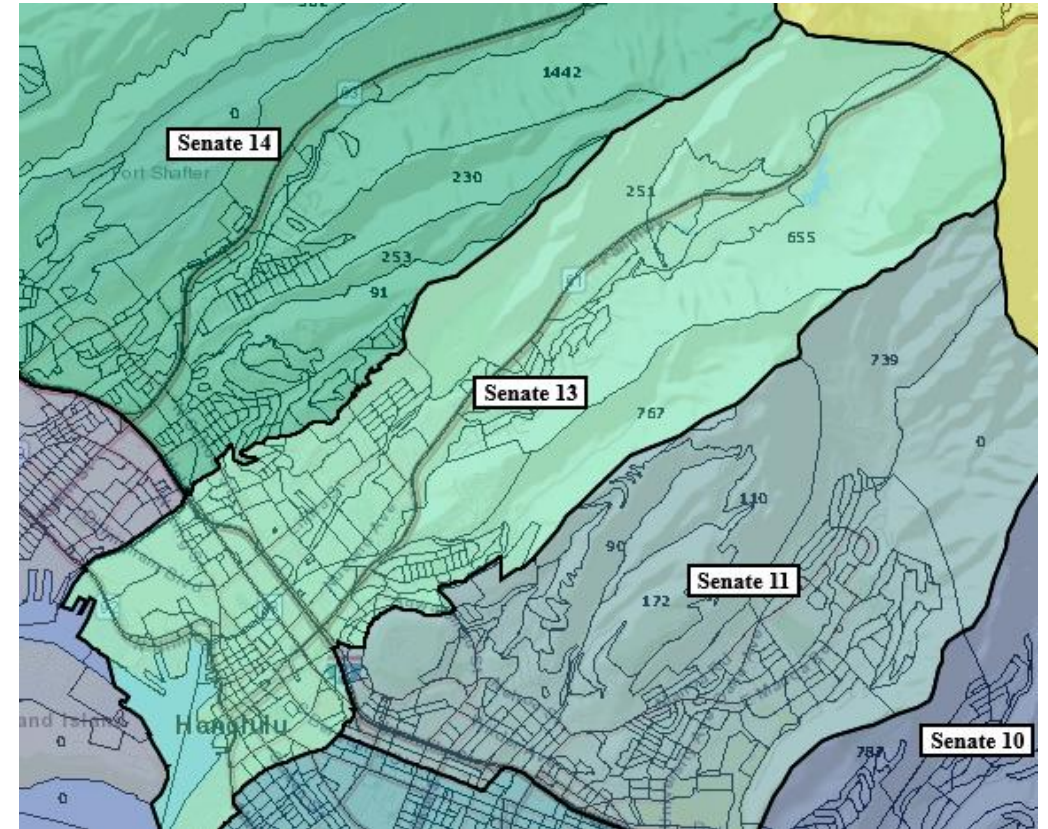


Current Plan 8541



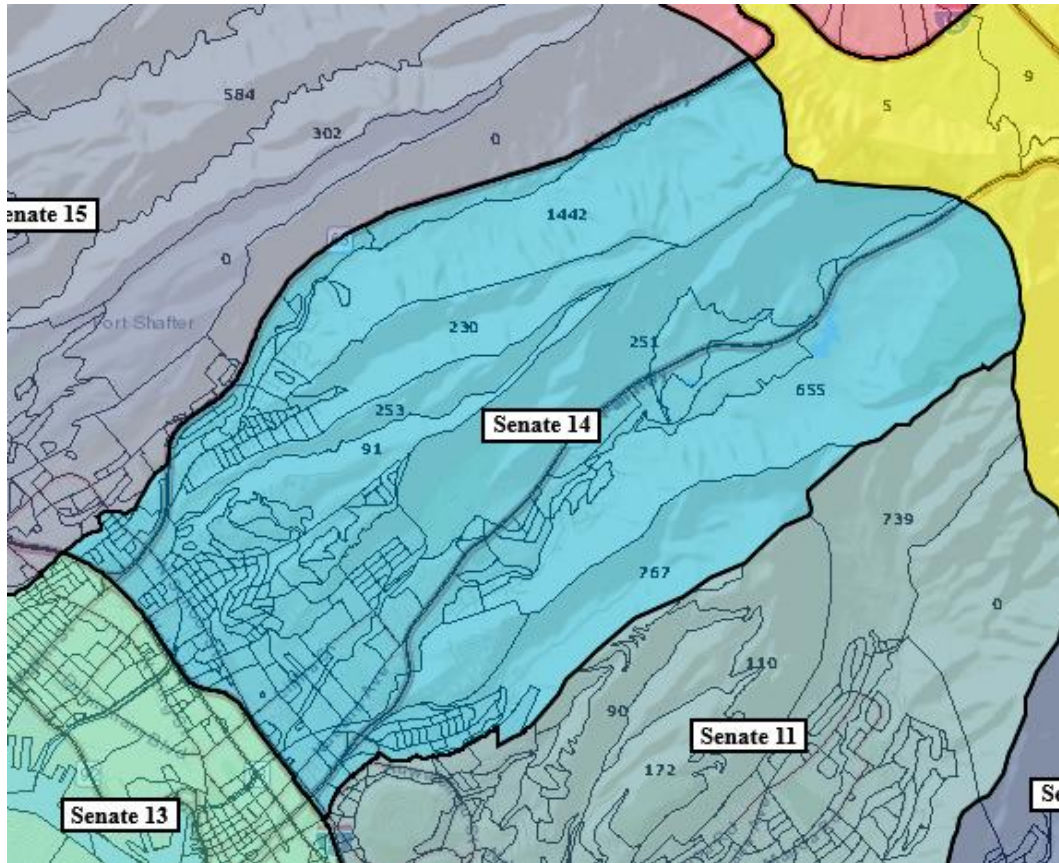


Hicks Plan -545

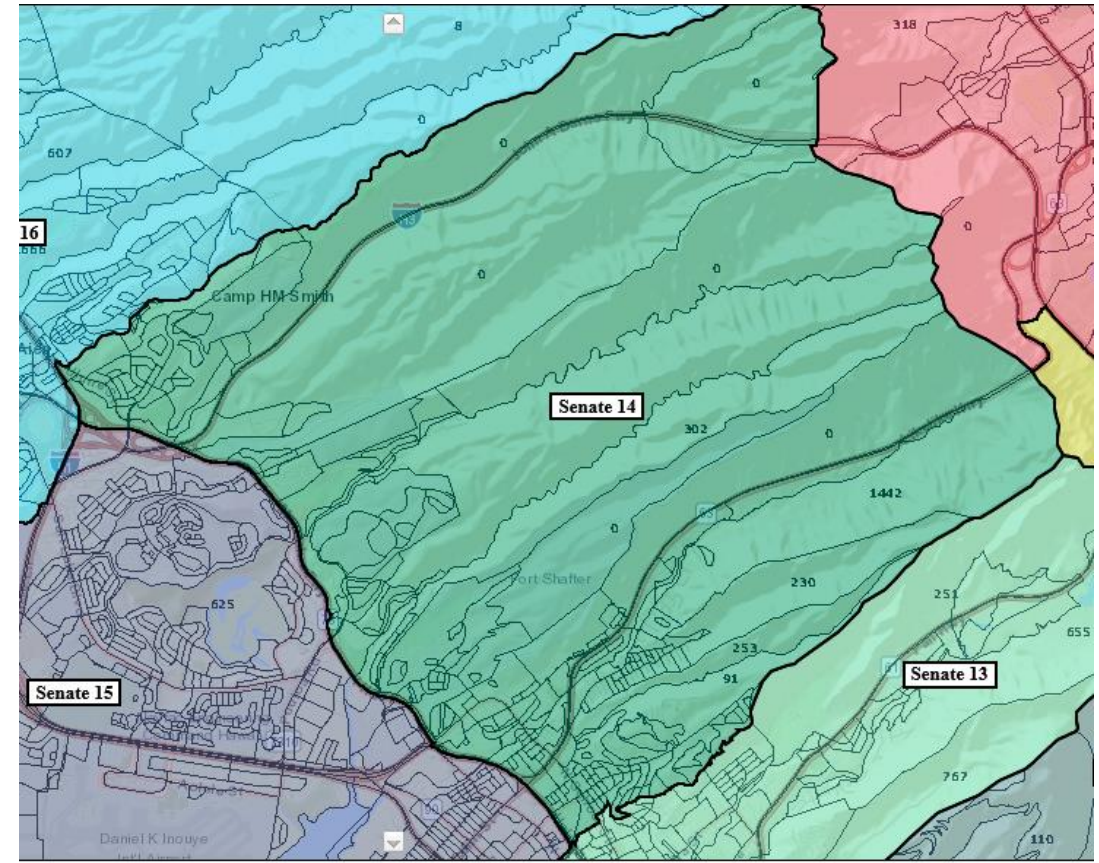


Current Plan -958



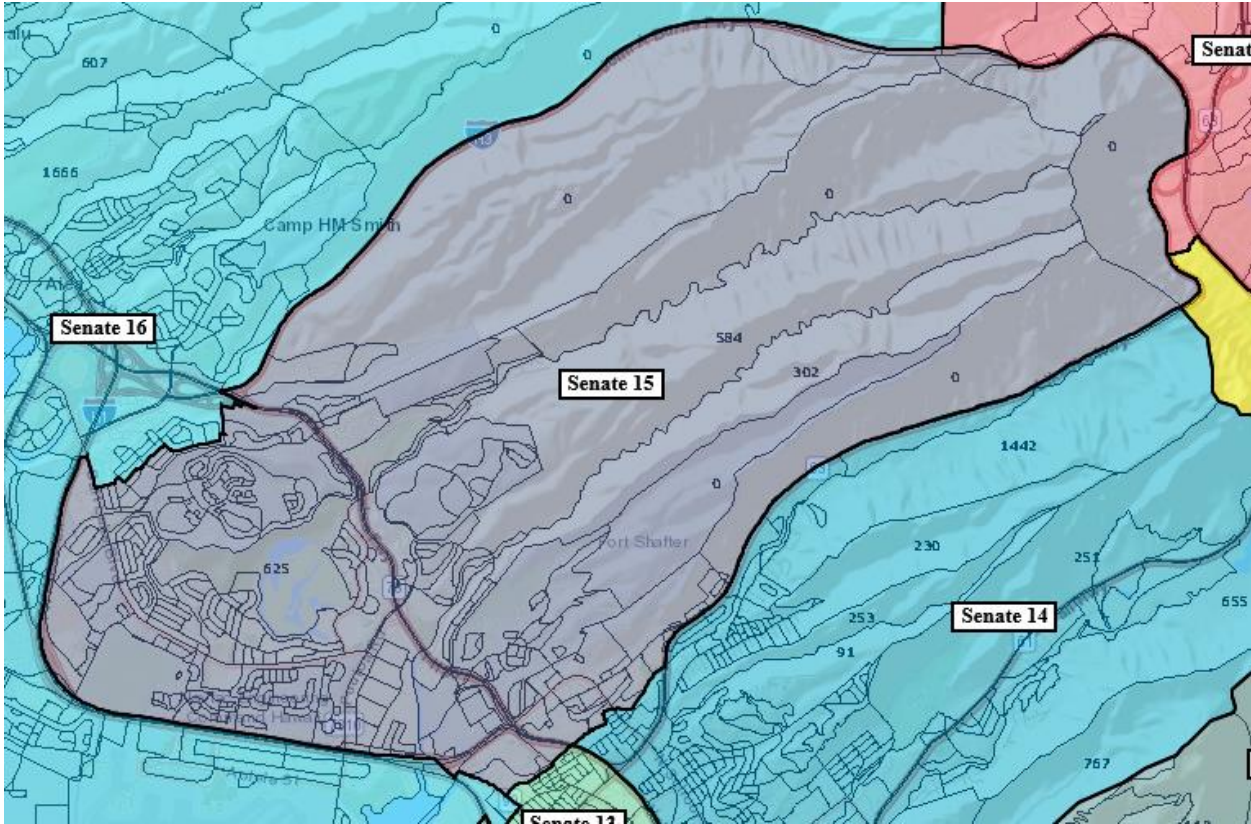


Hicks Plan 225

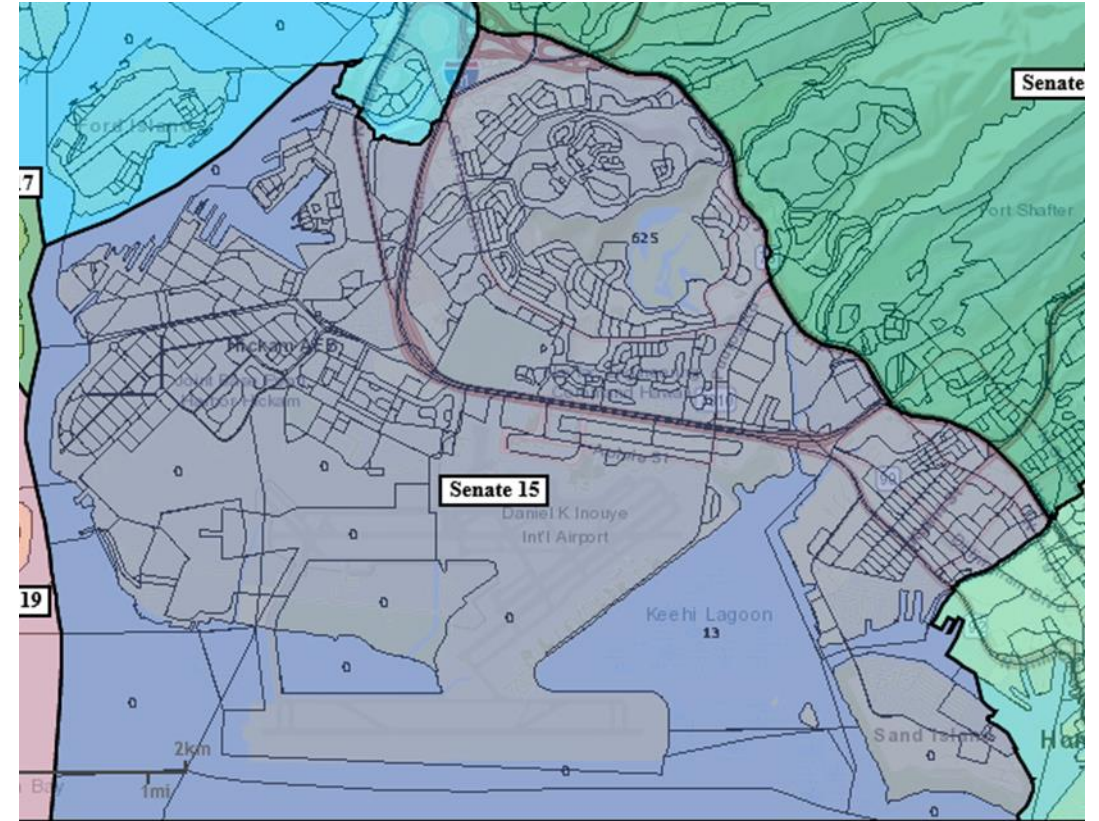


Current Plan 98



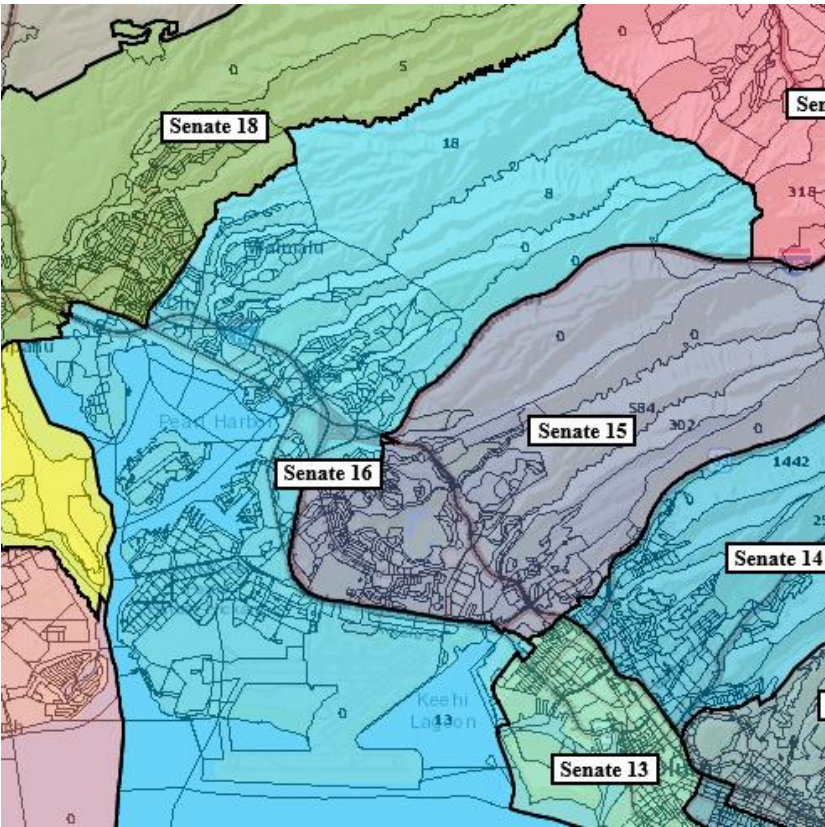


Hicks Plan 53

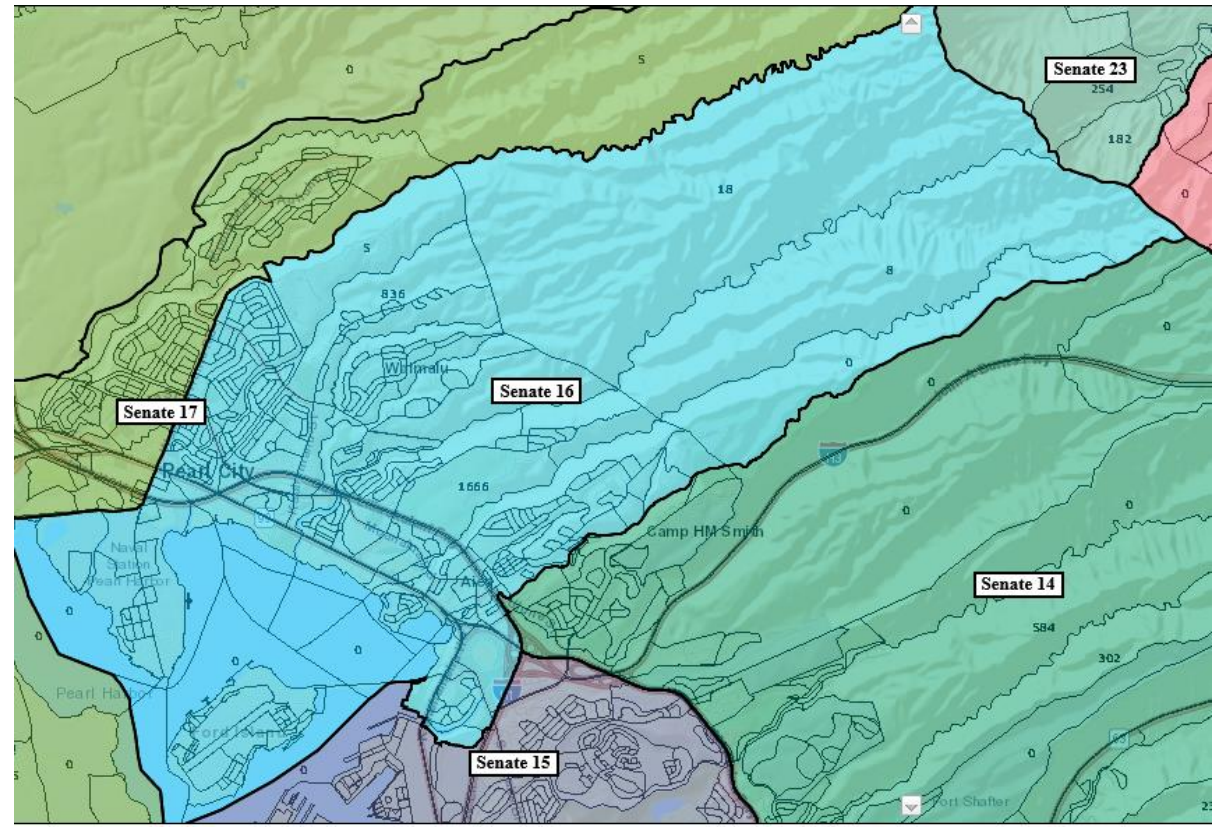


Current Plan -3124



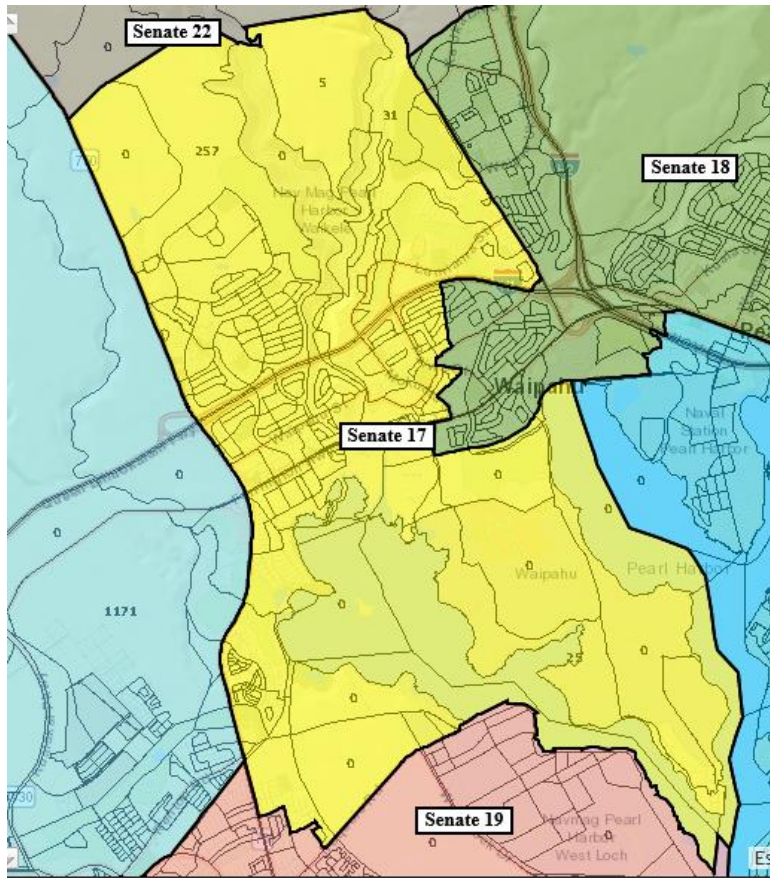


Hicks Plan **281**

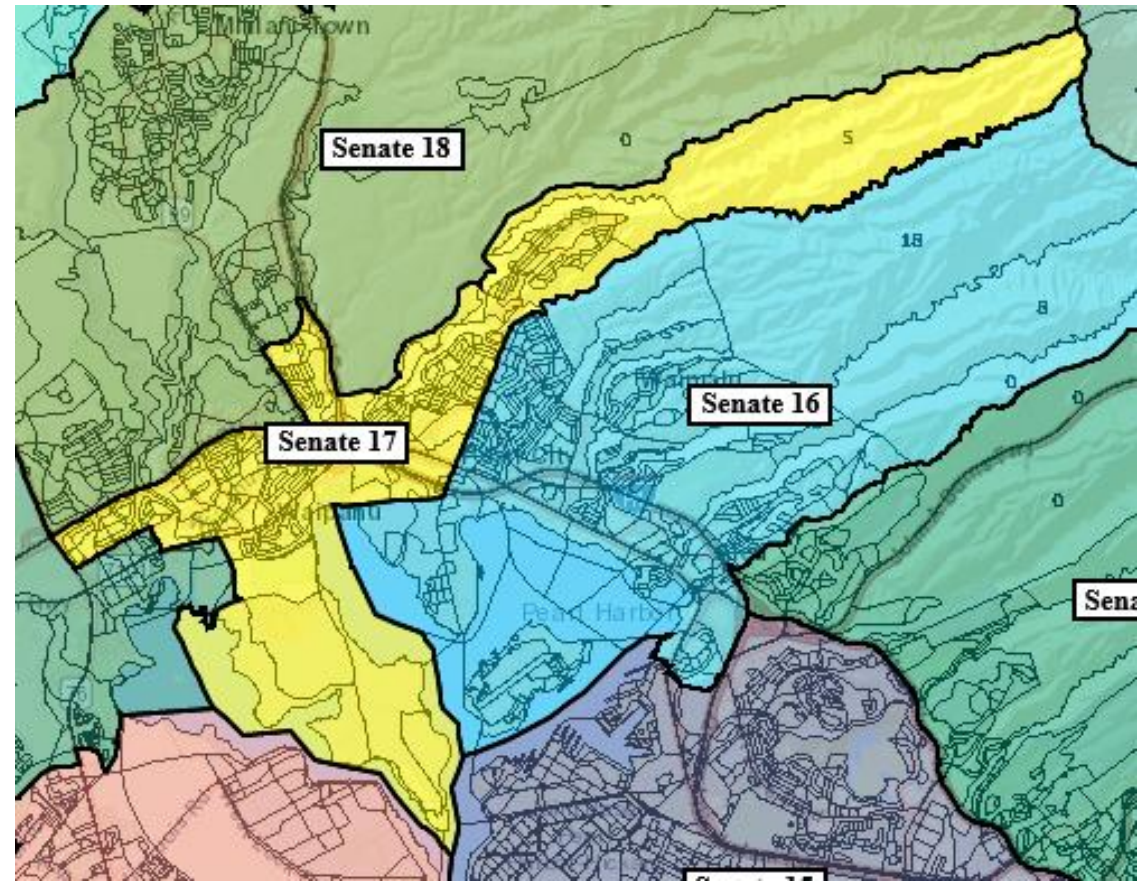


Current Plan **-3446**



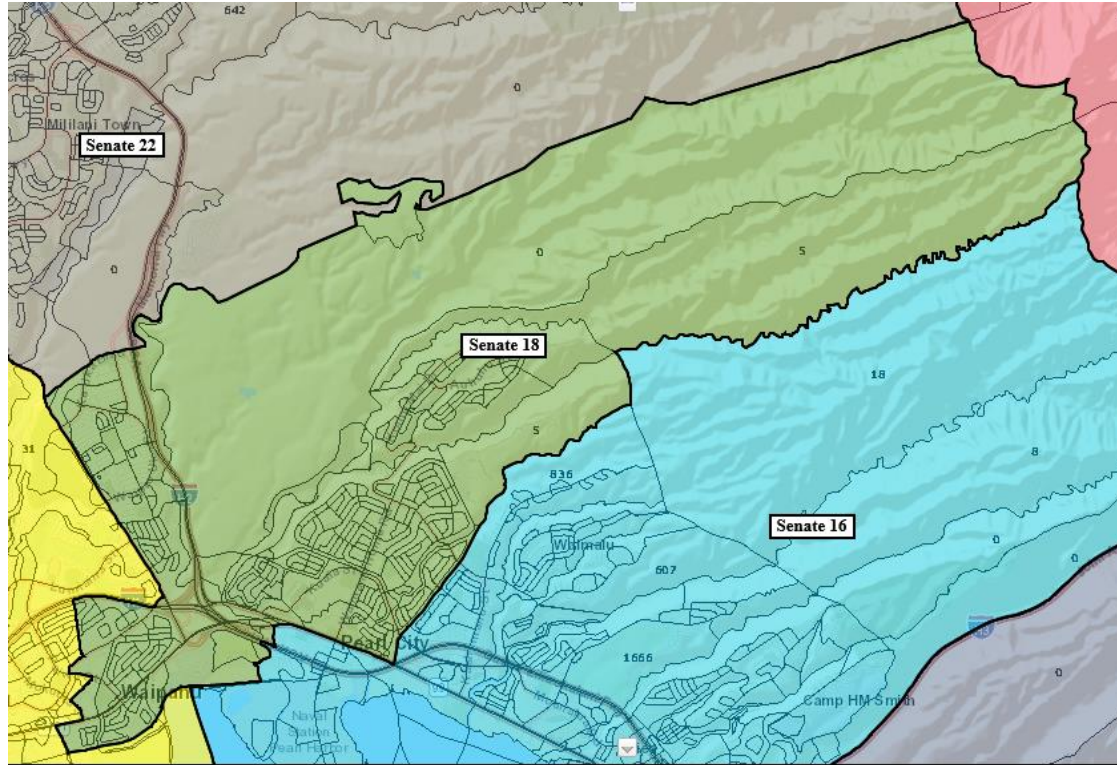


Hicks Plan -198

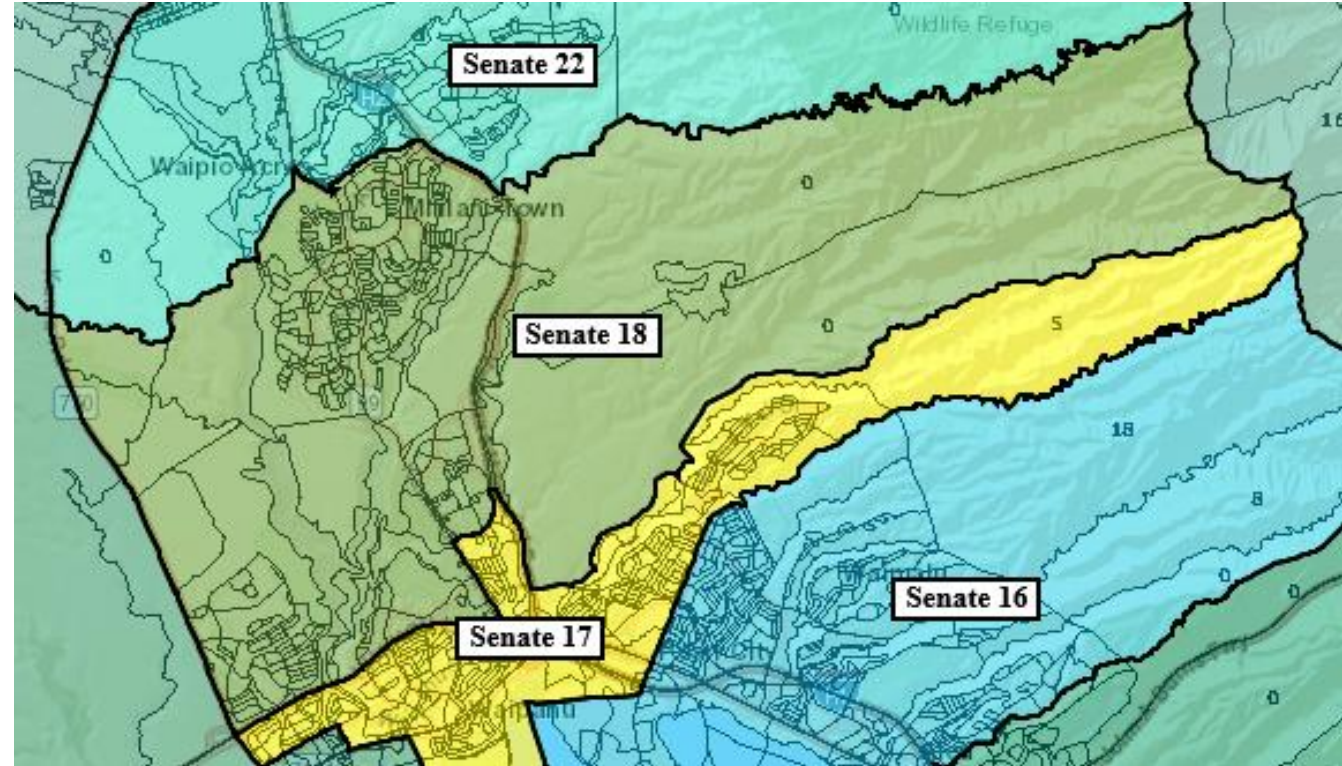


Current Plan 586



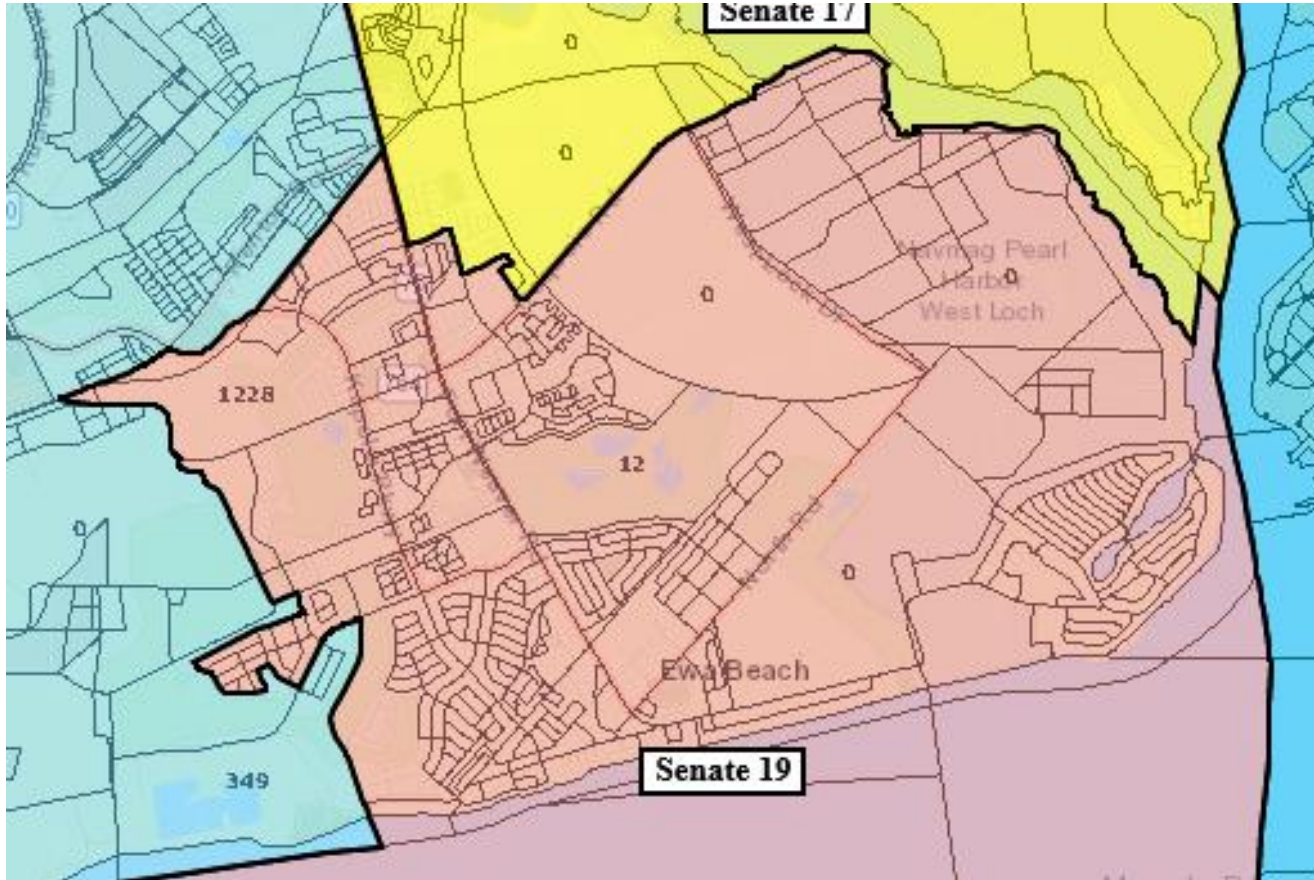


Hicks Plan -99

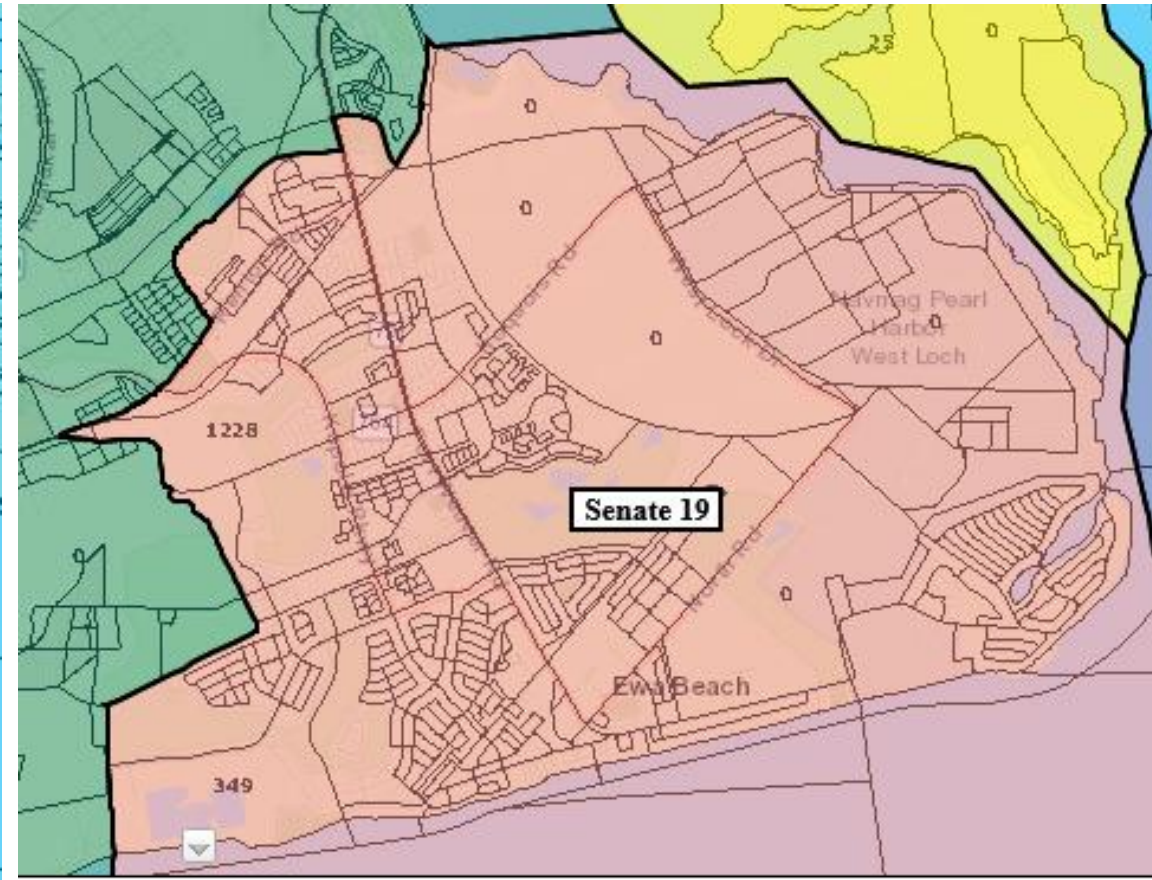


Current Plan 1220



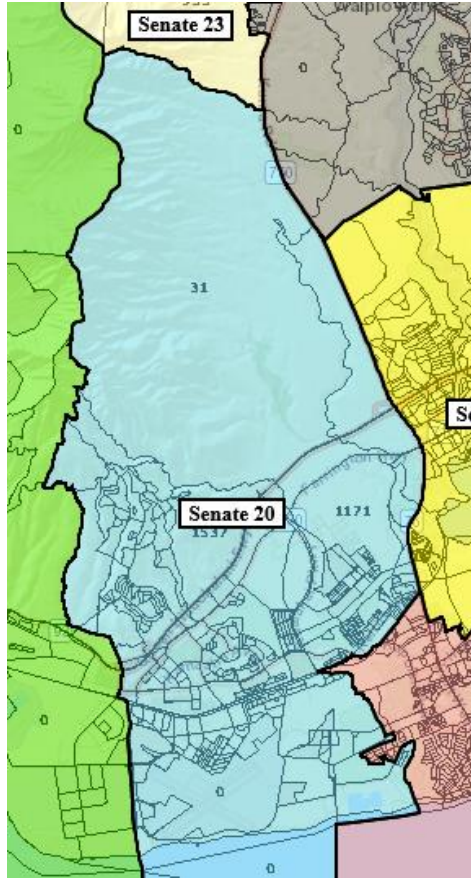


Hicks Plan -348

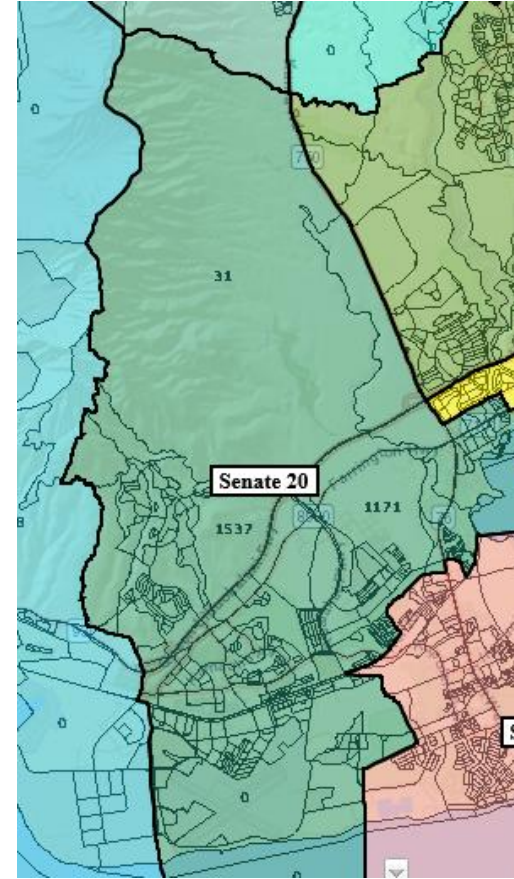


Current Plan 7536





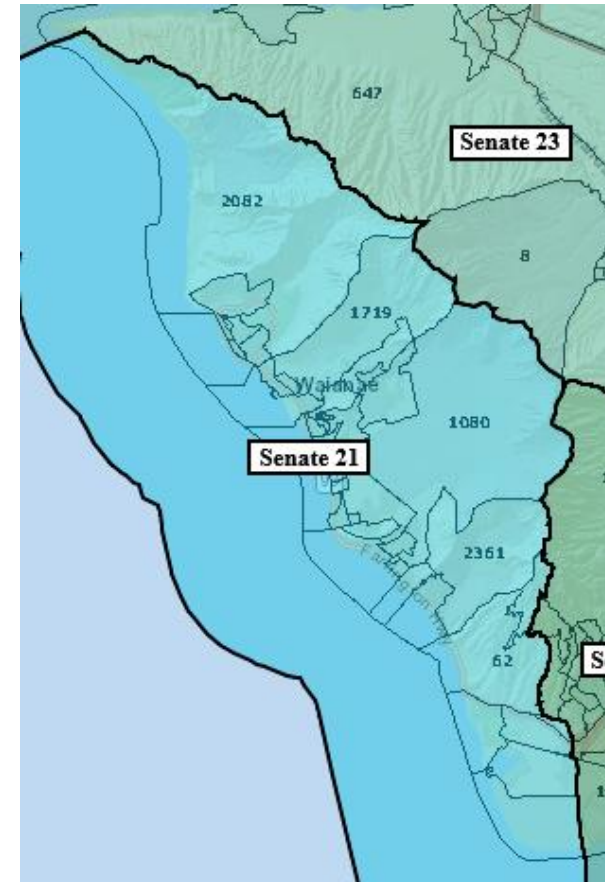
Hicks Plan 95



Current Plan 8415



Hicks Plan -594

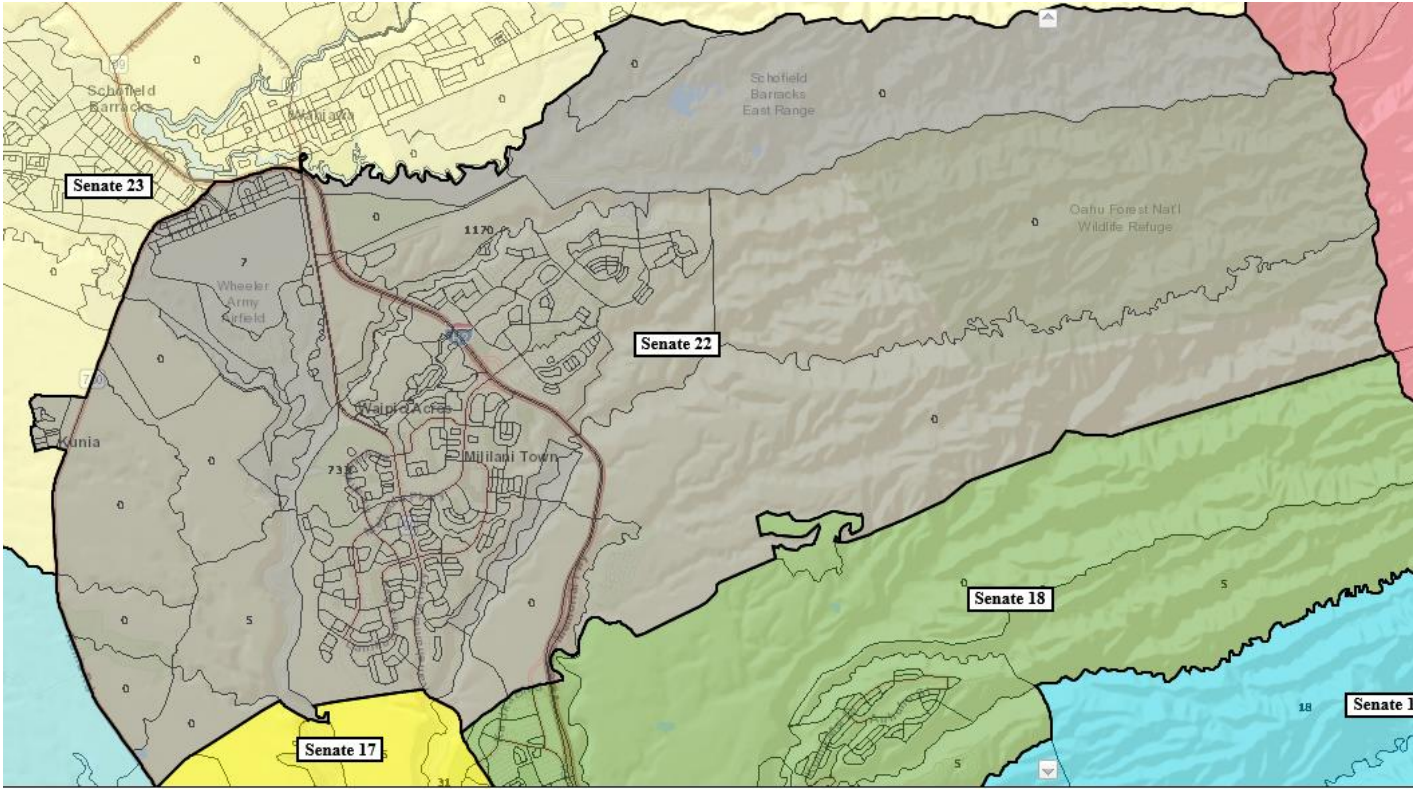


Current Plan -594

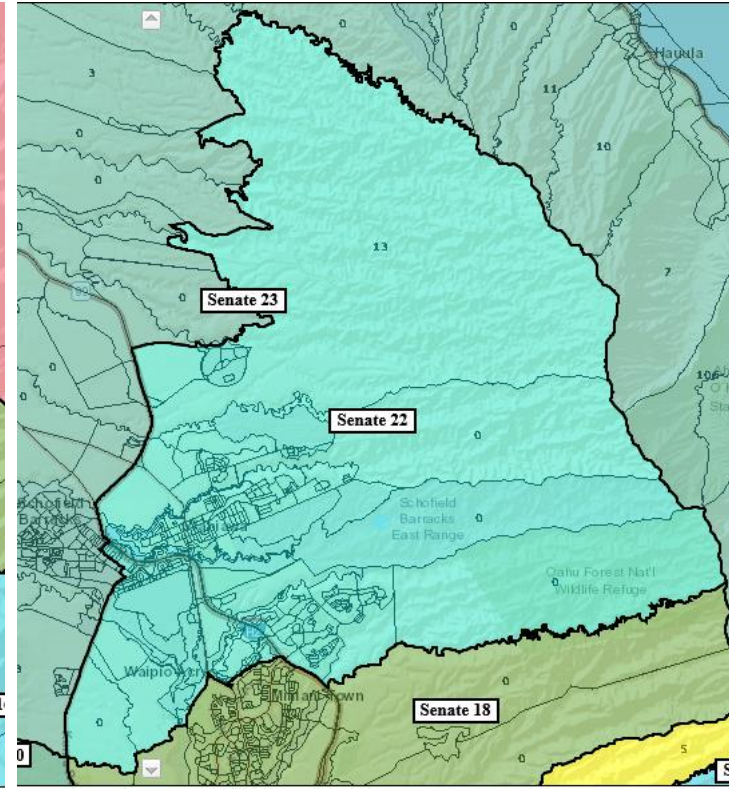
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Senate District 21

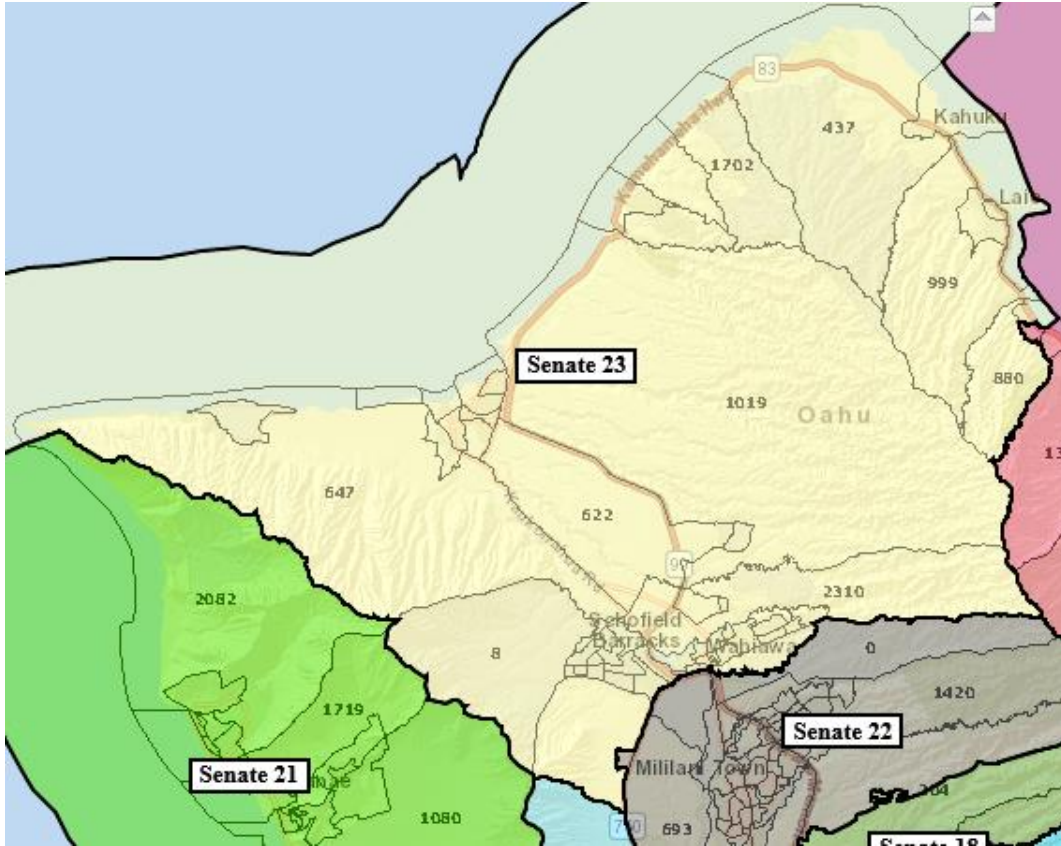




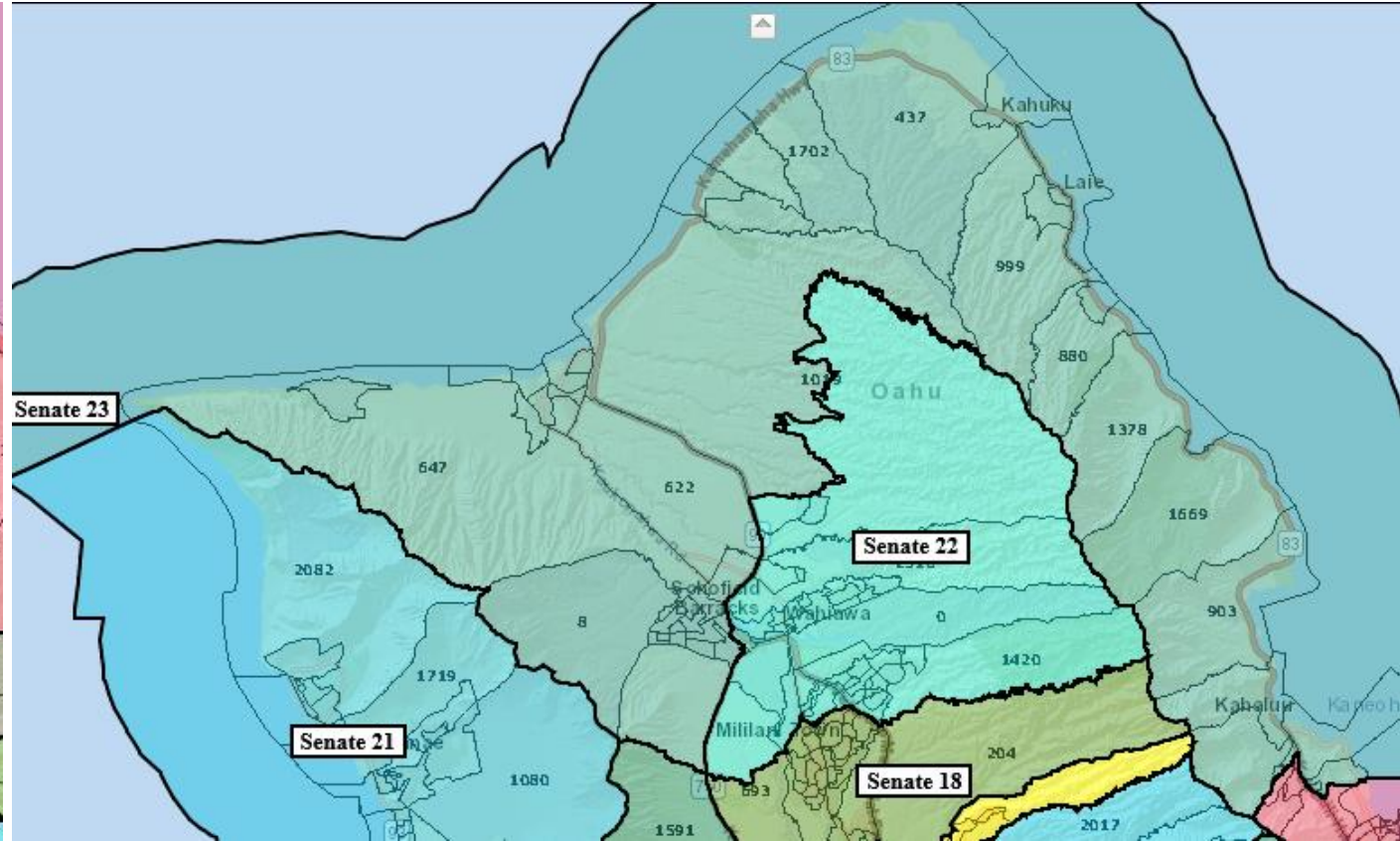
Hicks Plan -204



Current Plan -3590

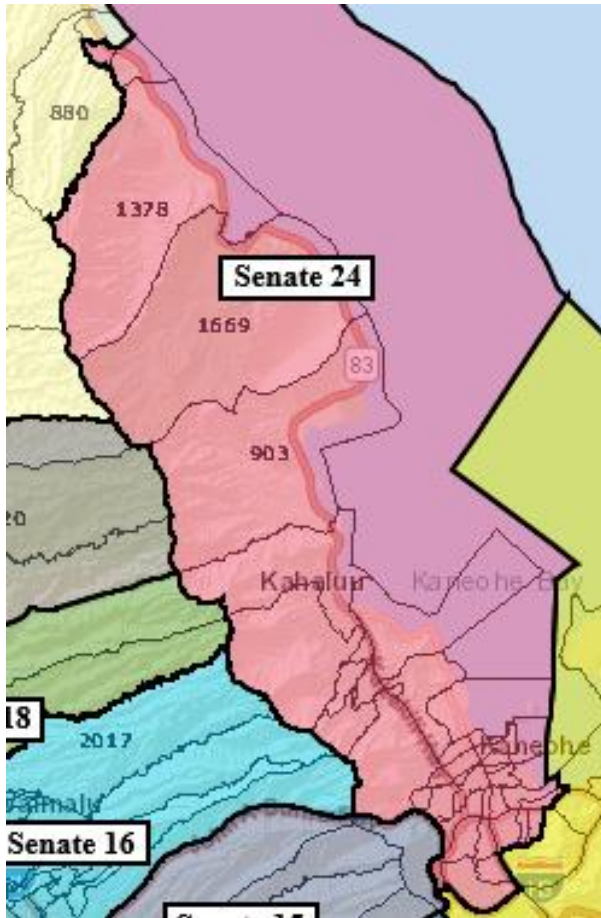


Hicks Plan 472

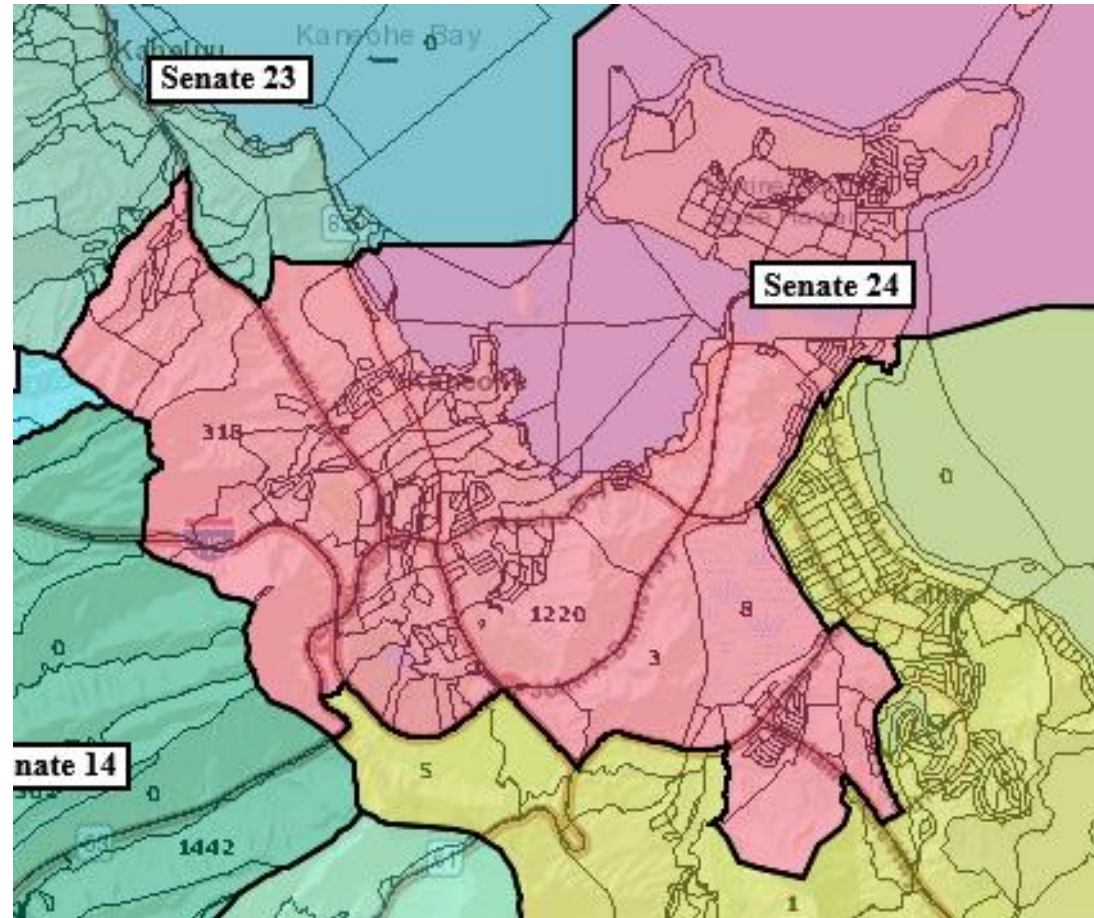


Current Plan -8552

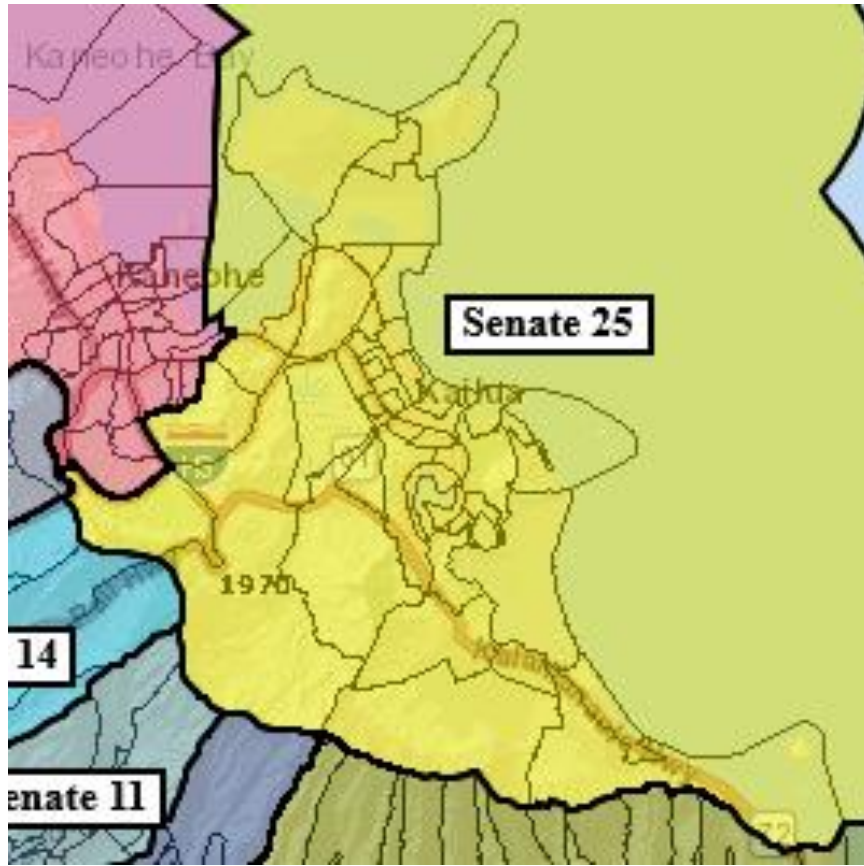




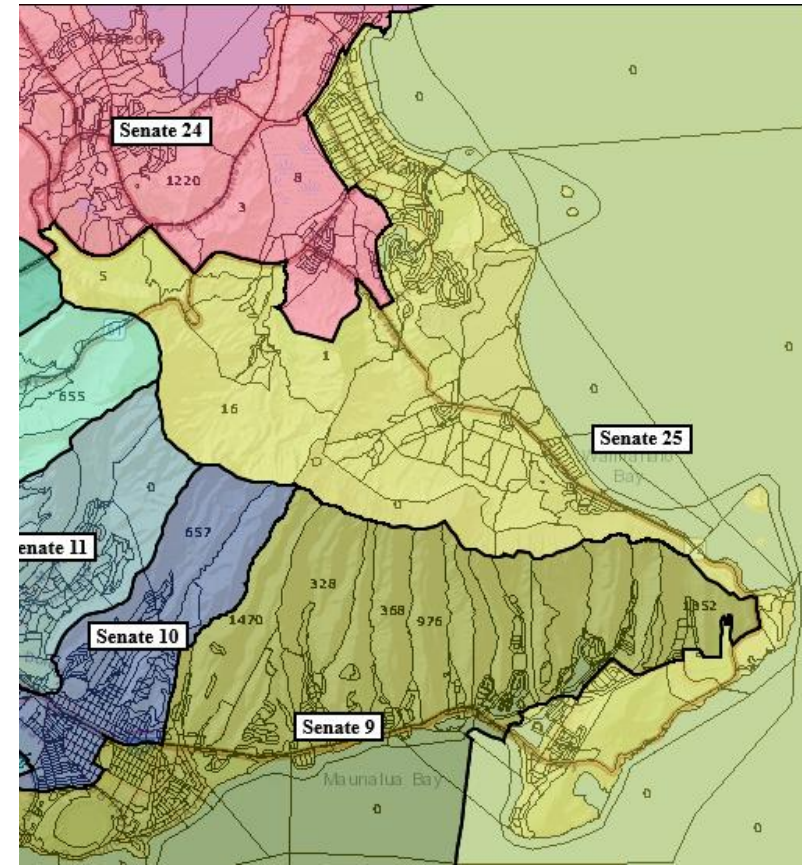
Hicks Plan -184



Current Plan -2909



Hicks Plan 436



Current Plan -533



# Alternative Oahu House Reapportionment Proposal with Mililani Excursion

Bill Hicks

October 23, 2021

During the State of Hawaii Reapportionment Commission meeting on October 14, 2021 public testimony was received and Proposed Legislative Redistricting Plans by the Technical Committee Permitted Interaction Group were presented.

Some of the public testimony included displeasure that the Enchanted Lake community in Kailua, the Portlock community in Hawaii Kai, and a significant part of Manoa Valley would all be split between two house districts, diluting the voices of Kailua, Hawaii Kai, and Manoa. Additionally, Waimanalo community concerns were raised about the complexity of becoming linked with Hawaii Kai (Portlock) in addition to Kailua.

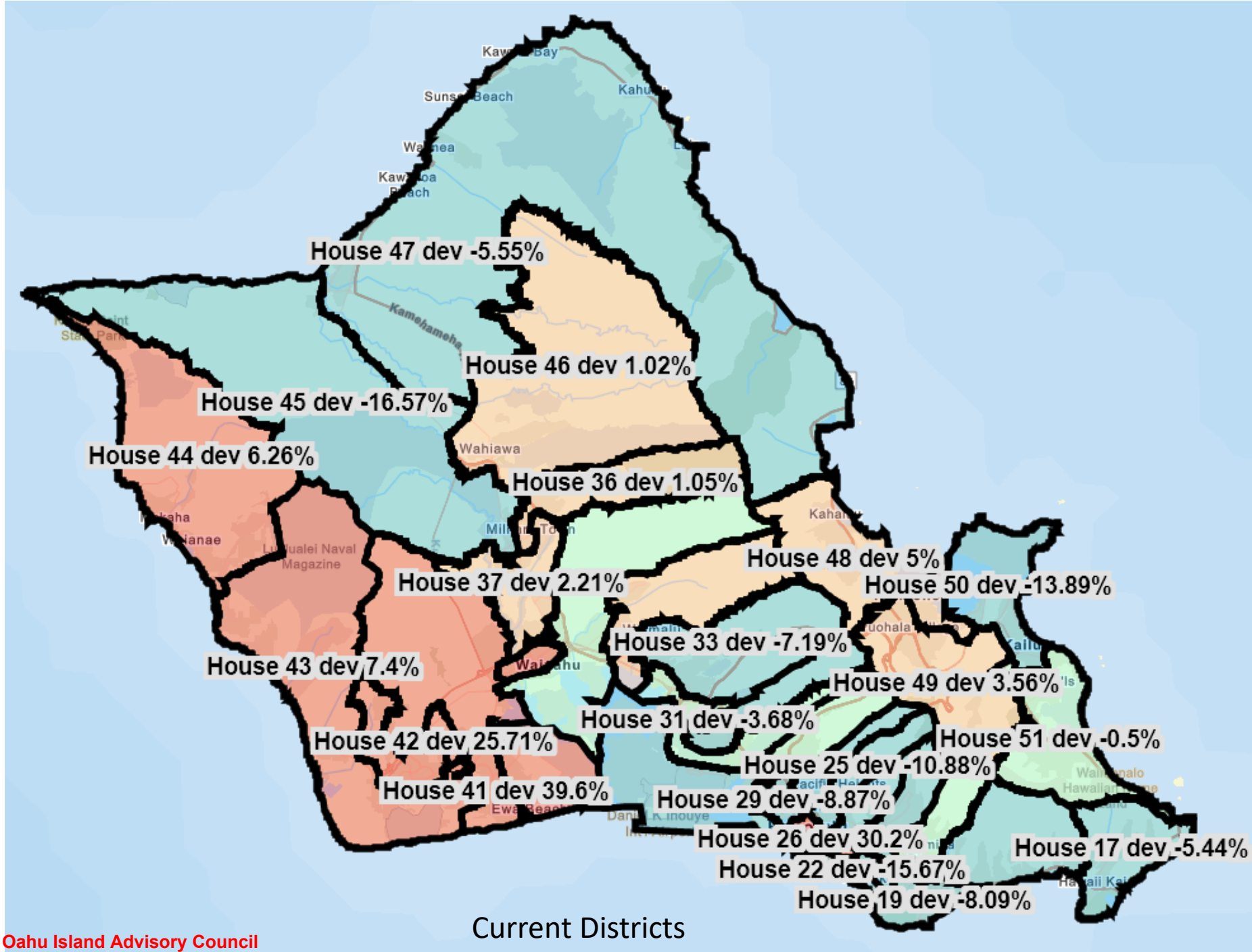
I constructed a redistricting proposal to see if each of these communities could be kept together, using both Ka'ena Point and Makapu'u Point as boundaries, and as anchors HD 17 (East Oahu), HD 51 (Windward Oahu), and HD 44 (Leeward Oahu). In the process I discovered the population deviations between the districts could also be significantly reduced.

Since then I have also heard displeasure that Mililani is split among three districts. This Mililani Excursion makes HD36 exclusively Mililani town and consolidates Mililani Mauka/Waipio Acres in HD46.

I hope this proposal can be used as a starting point for further development in keeping more communities together. It was submitted and can be found at <https://redistricting.hawaii.esriemcs.com> (Open Plan > Shared Plan > Everyone).

Plan Name	Owner	Description	Created	Last Modified
Bill Hicks Oahu House Redistricting Plan - Mililani Excursion	Bill75	Objectives: Use both Makapu'u Point and Ka'ena Point as boundaries; keep Kailua, Hawaii Kai, Manoa Valley, Mililani Town, and Mililani Mauka & Waipio Acres intact; use compact and contiguous districts; and minimize population deviation. Total Deviation 3.02% (-1.62% to 1.40%).	2021-11-01 01:27	2021-11-01 01:27





Current Districts		
HD	Deviation	%
17	-1471	- 5.44%
18	-1984	- 7.34%
19	-2186	- 8.09%
20	- 263	- 0.97%
21	-3221	-11.92%
22	-4236	-15.67%
23	-3097	-11.46%
24	-2162	- 8.00%
25	-2940	-11.88%
26	-8163	-30.20%
27	-1543	- 5.71%
28	-1148	- 4.25%
29	-2396	- 8.87%
30	-4129	-15.28%
31	- 994	- 3.68%
32	-2062	- 7.63%
33	-1943	- 7.19%
34	367	1.36%
35	- 257	- 0.95%
36	285	1.05%
37	596	2.21%
38	4094	15.15%
39	6926	25.63%
40	1533	5.67%
41	10703	39.60%
42	6948	25.71%
43	1999	7.40%
44	1691	6.26%
45	-4477	-16.57%
46	276	1.02%
47	-1499	- 5.55%
48	1350	5.00%
49	963	3.56%
50	-3753	-13.89%
51	- 134	- 0.50%



TG Proposed Districts		
HD	Deviation	%
17	1018	3.77%
18	1043	3.86%
19	613	2.27%
20	955	3.53%
21	723	2.68%
22	532	1.97%
23	-1047	-3.87%
24	- 921	-3.41%
25	- 380	-1.41%
26	- 713	-2.64%
27	-1002	-3.71%
28	- 968	-3.58%
29	- 813	-3.01%
30	- 897	-3.32%
31	- 892	-3.30%
32	542	2.01%
33	243	0.90%
34	-1030	-3.81%
35	285	1.05%
36	- 924	-3.42%
37	- 480	-1.78%
38	- 85	-0.31%
39	- 146	-0.54%
40	- 209	-0.77%
41	530	1.96%
42	85	0.31%
43	- 8	-0.03%
44	-1162	-4.30%
45	702	2.60%
46	276	1.02%
47	1146	4.24%
48	786	2.91%
49	901	3.33%
50	504	1.86%
51	792	2.93%





Bill Hicks' Proposal with Mililani Excursion

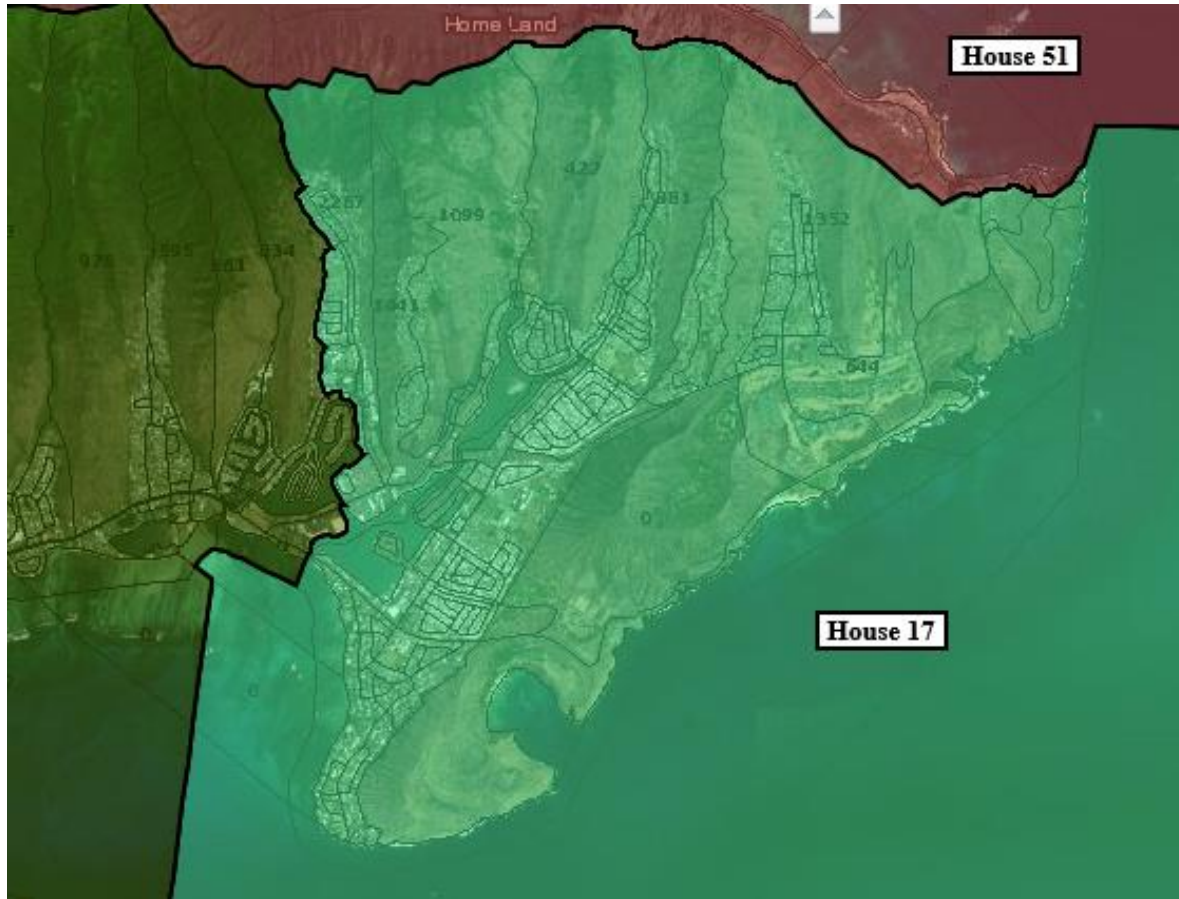
HD	Deviation	%
17	280	1.04%
18	94	0.35%
19	229	0.85%
20	-263	-0.97%
21	-319	-1.18%
22	-130	-0.48%
23	359	1.33%
24	96	0.36%
25	331	1.22%
26	290	1.07%
27	379	1.40%
28	-228	-0.84%
29	314	1.16%
30	-146	-0.54%
31	71	0.26%
32	38	0.14%
33	-437	-1.62%
34	-244	-0.90%
35	-181	-0.67%
36	149	0.55%
37	18	0.07%
38	4	0.01%
39	34	0.13%
40	12	0.04%
41	22	0.08%
42	-134	-0.50%
43	135	0.50%
44	115	0.43%
45	78	0.29%
46	123	0.46%
47	-257	-0.95%
48	-62	-0.23%
49	-241	-0.89%
50	-337	-1.25%
51	-193	-0.71%

## Four Anchor Districts, More Intact Neighborhoods & Better Population Balance

### Mililani Excursion: Mililani Town is HD 36 & Mililani Mauka/Waipio Acres/Wheeler in HD 37

- This alternative plan uses 4 anchor districts:
  - District 17 East Oahu
  - District 44 Leeward Oahu
  - District 45 North Shore
  - District 51 Windward Oahu
- District 32 is relocated from East Oahu to Leeward Oahu
- This plan uses mountain ridges, highways, and streams as district boundaries as much as possible
- This plan keeps neighborhoods intact as much as possible; examples:
  - Lanikai/Enchanted Lake/Waimanalo kept intact as HD51
  - Hawaii Kai kept intact as HD17
  - Manoa kept intact as HD23
  - **HD36 is Mililani Town in its entirety (and nothing else)**
  - **Mililani Mauka/Waipio Acres/Wheeler consolidated in HD46**
- This plan has better population balance than the Commission's TG Plan:
  - 26 Districts 0 +/- .99% (vs. only 6 Districts)
  - 9 Districts > 0.99% but less than 1.62% (vs. only 3 Districts)
  - 0 Districts > 1.62% (vs. 26 Districts)
  - Total deviation 3.02% (-1.62% to 1.40%) versus 8.54% (-4.30% to 4.24%)



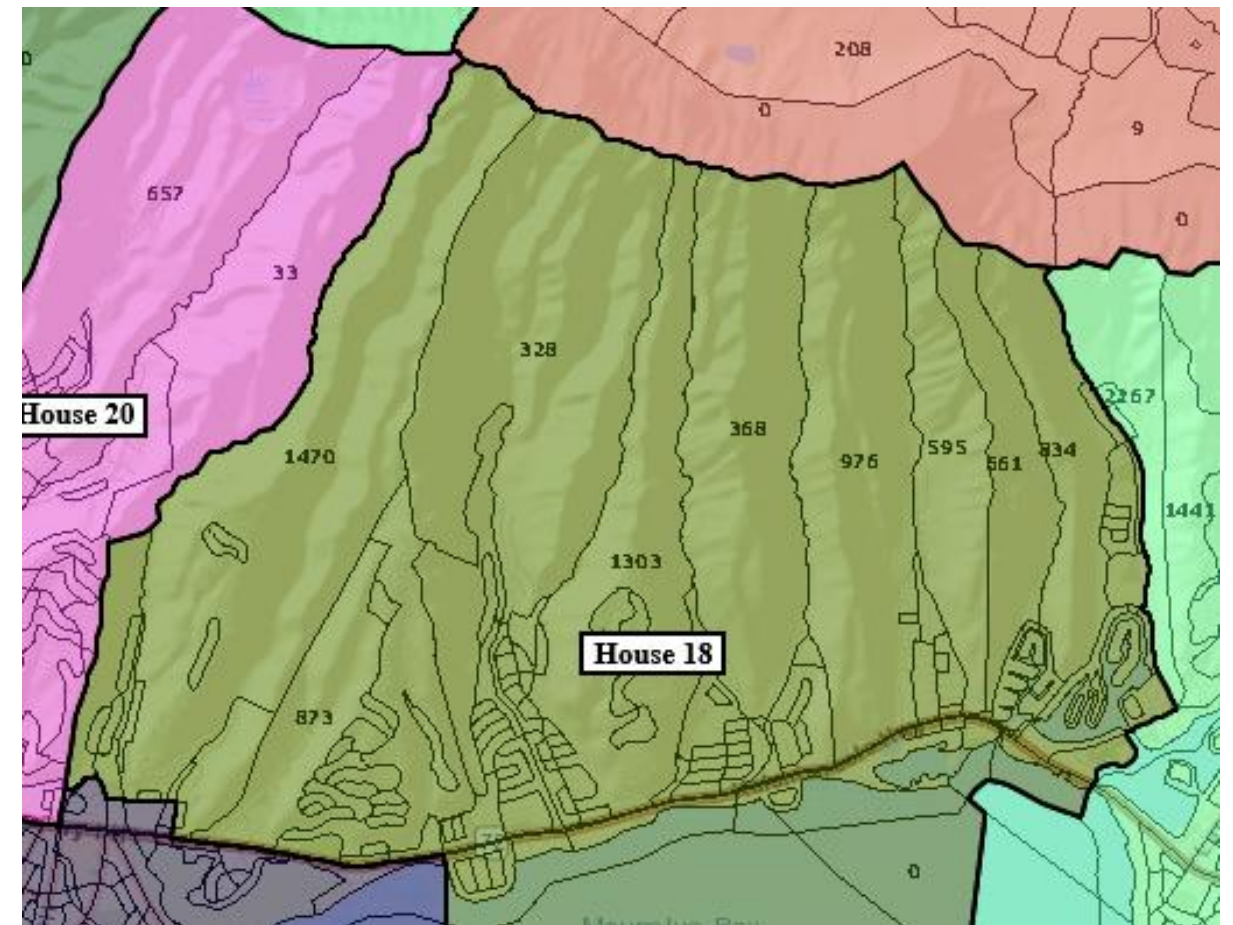
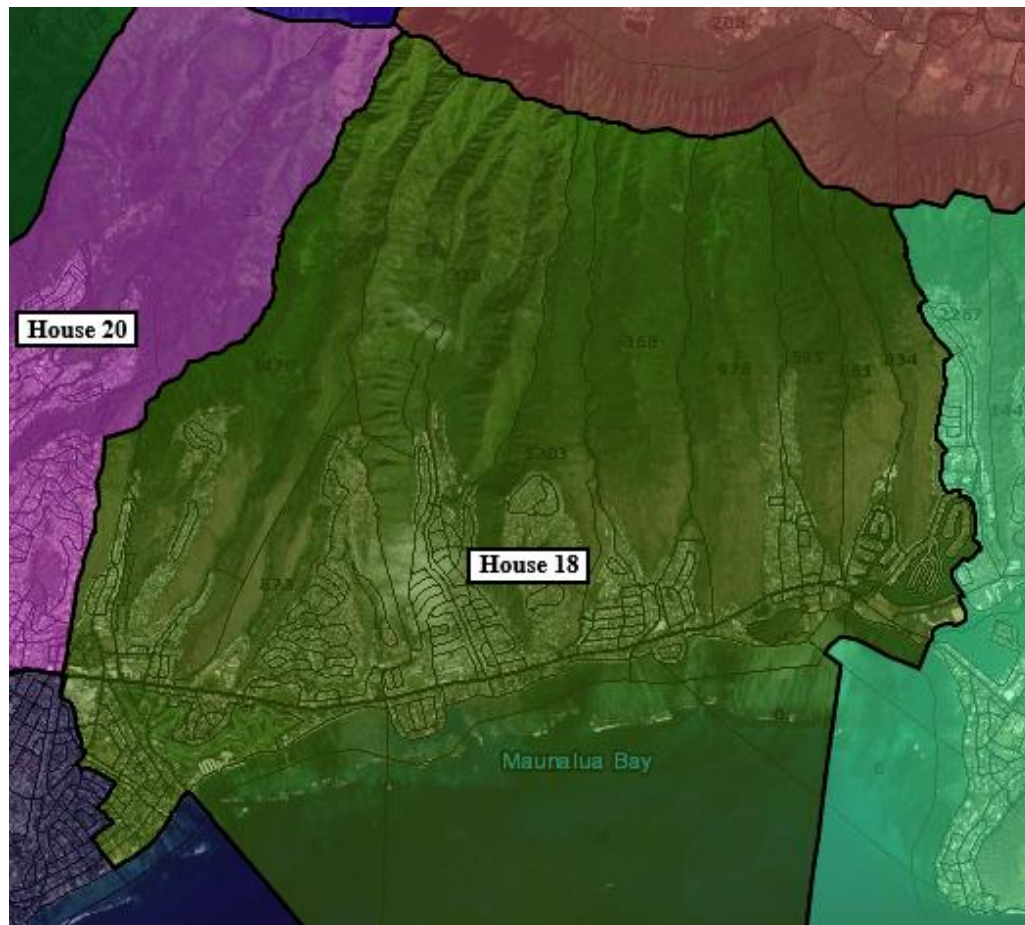


Hicks Plan 280



Current Plan -1471

## House District 17



## Hicks Plan 94

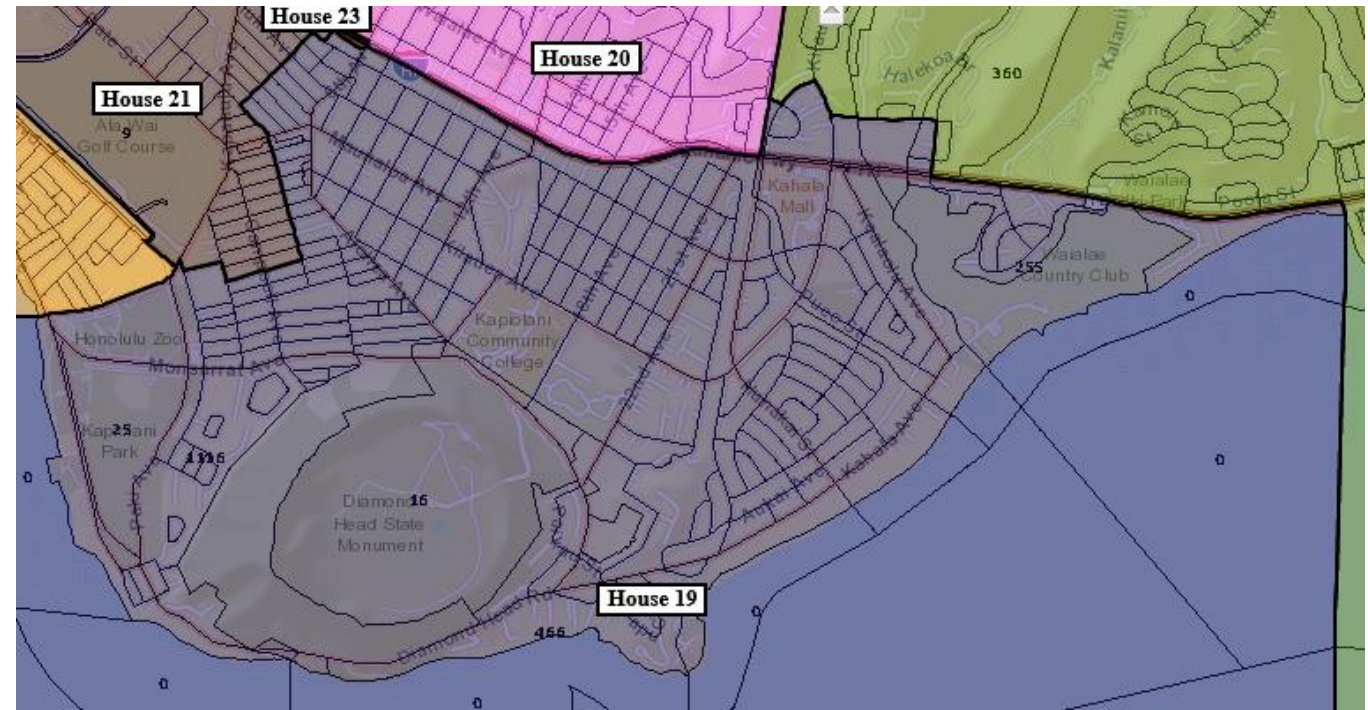
## Current Plan -1984

## House District 18



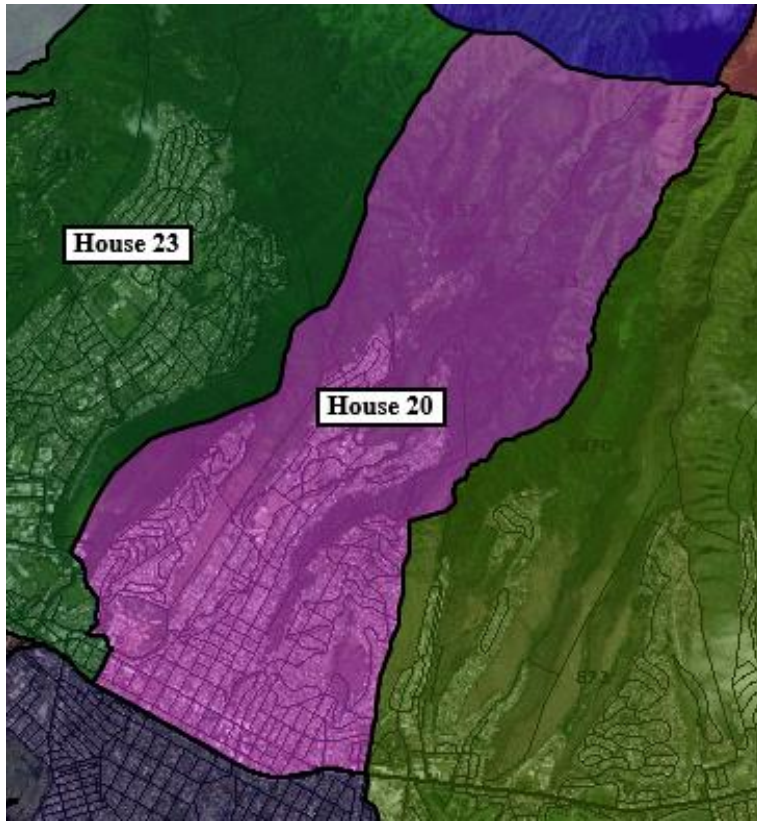


Hicks Plan 229

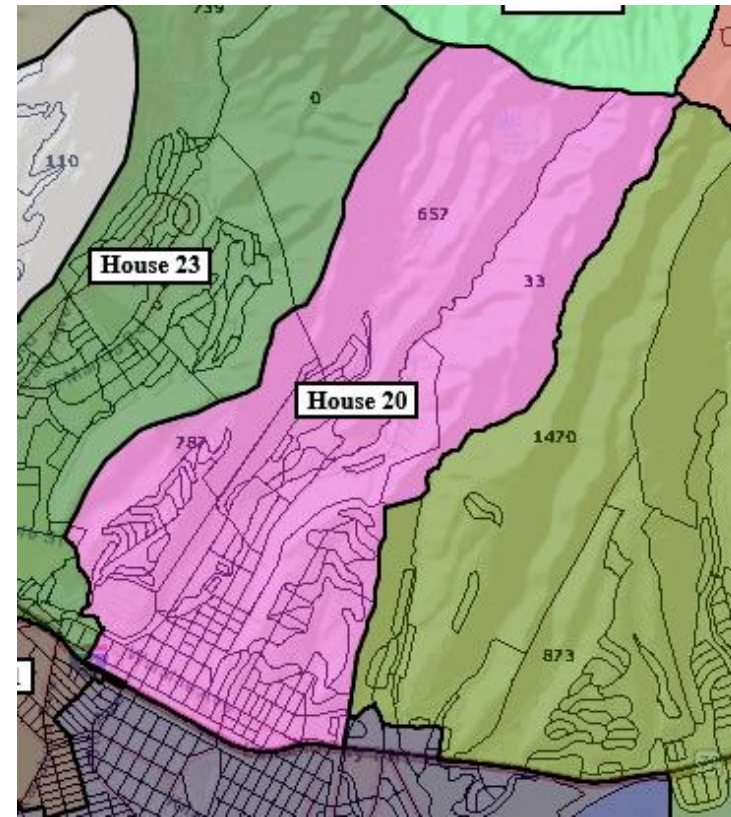


Current Plan -2186

## House District 19



Hicks Plan -263

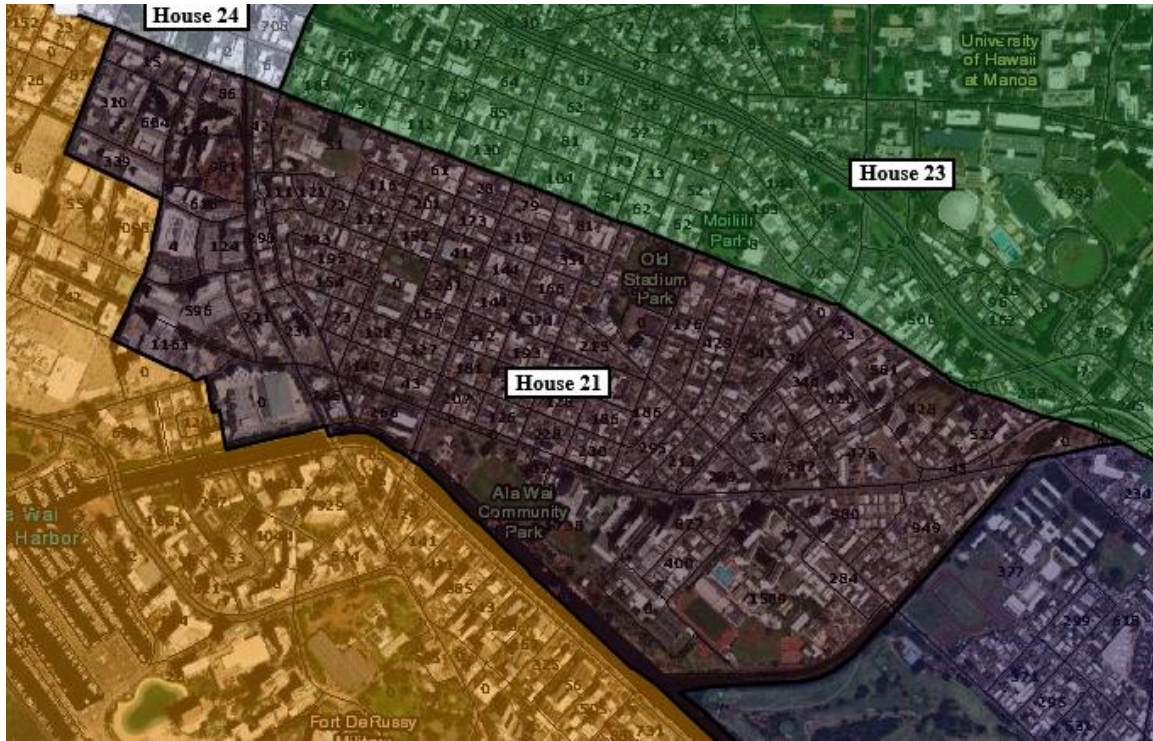


Current Plan -263

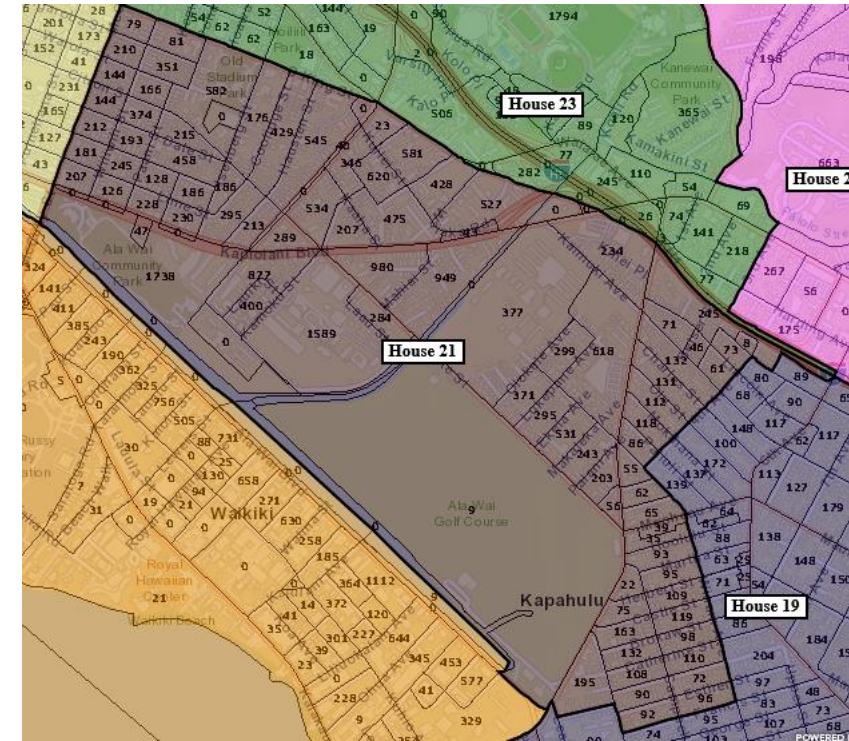
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House District 20





Hicks Plan -319



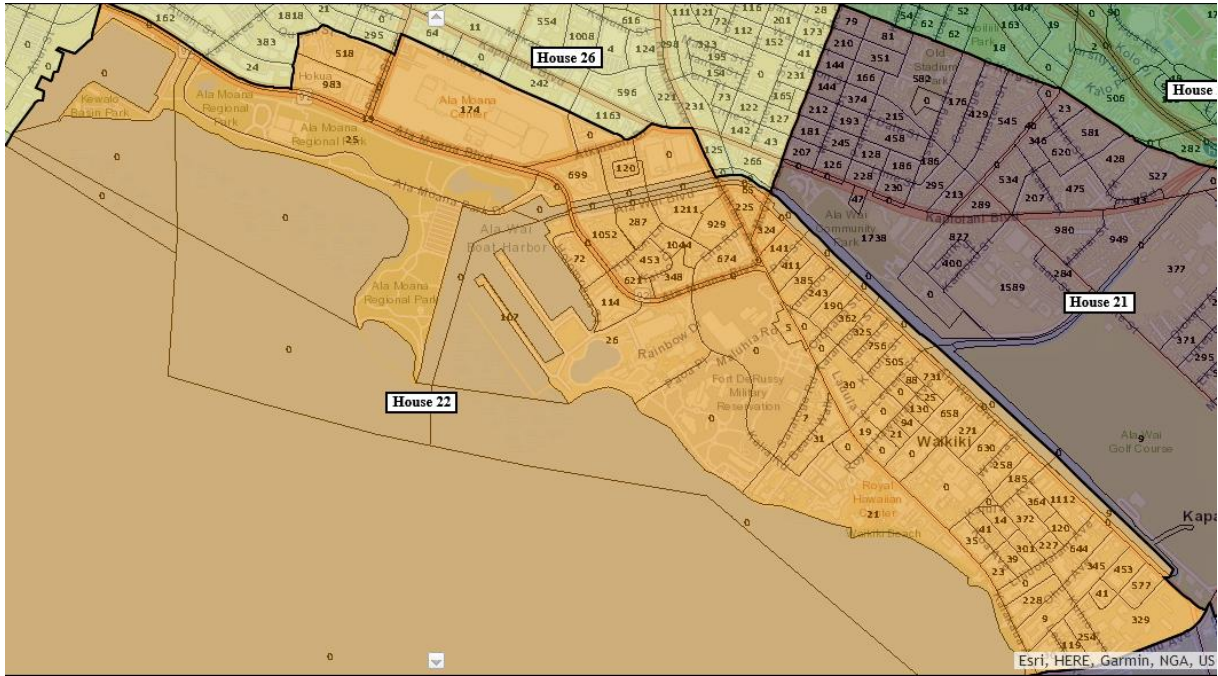
Current Plan -3221

## House District 21



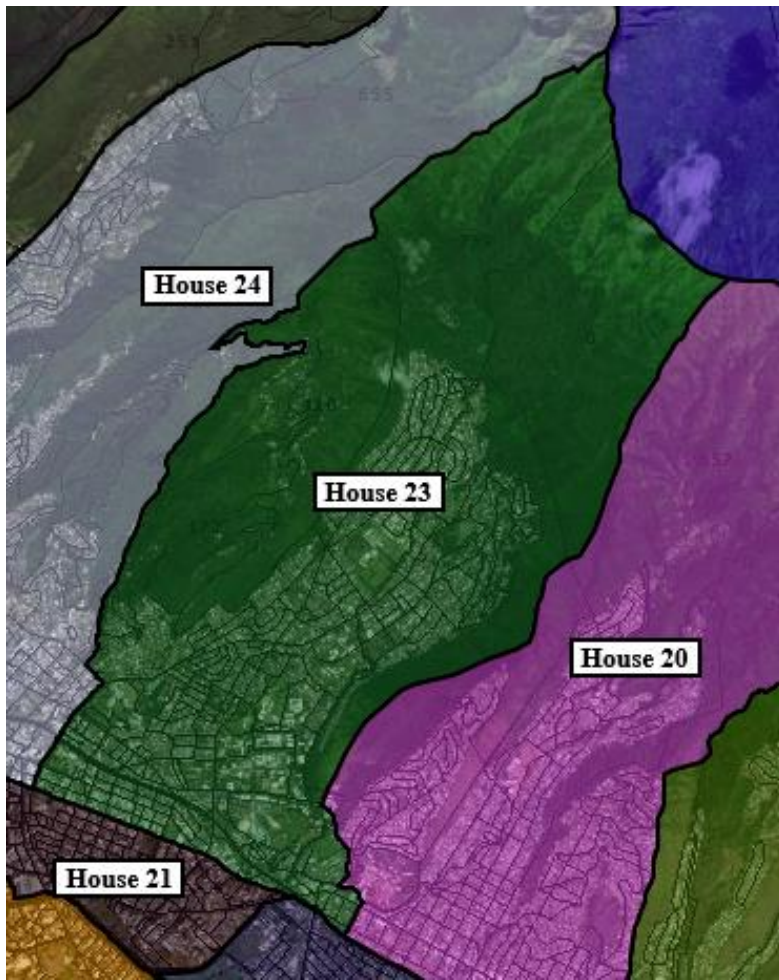


Hicks Plan -130

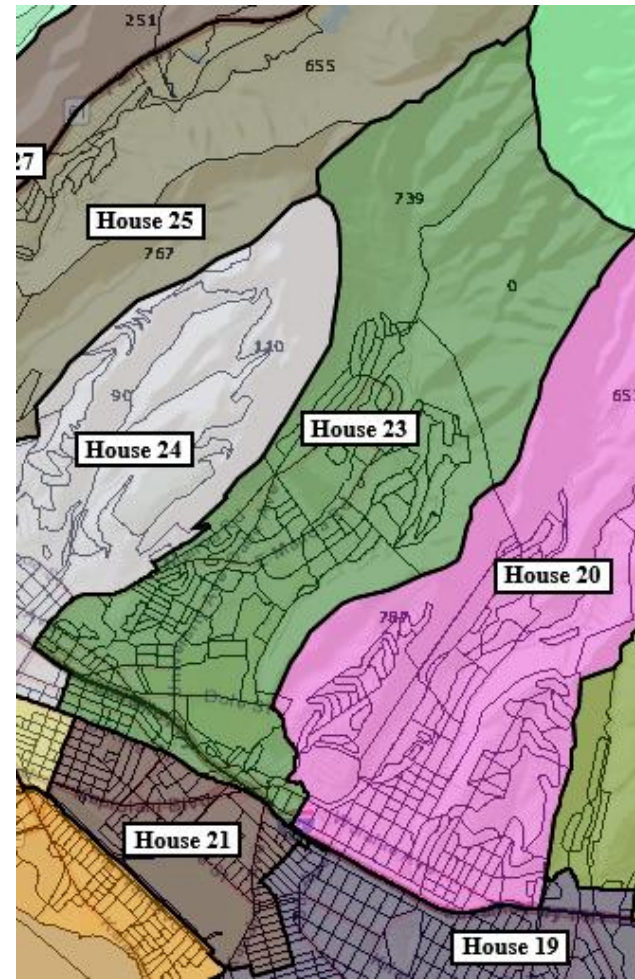


Current Plan -4236



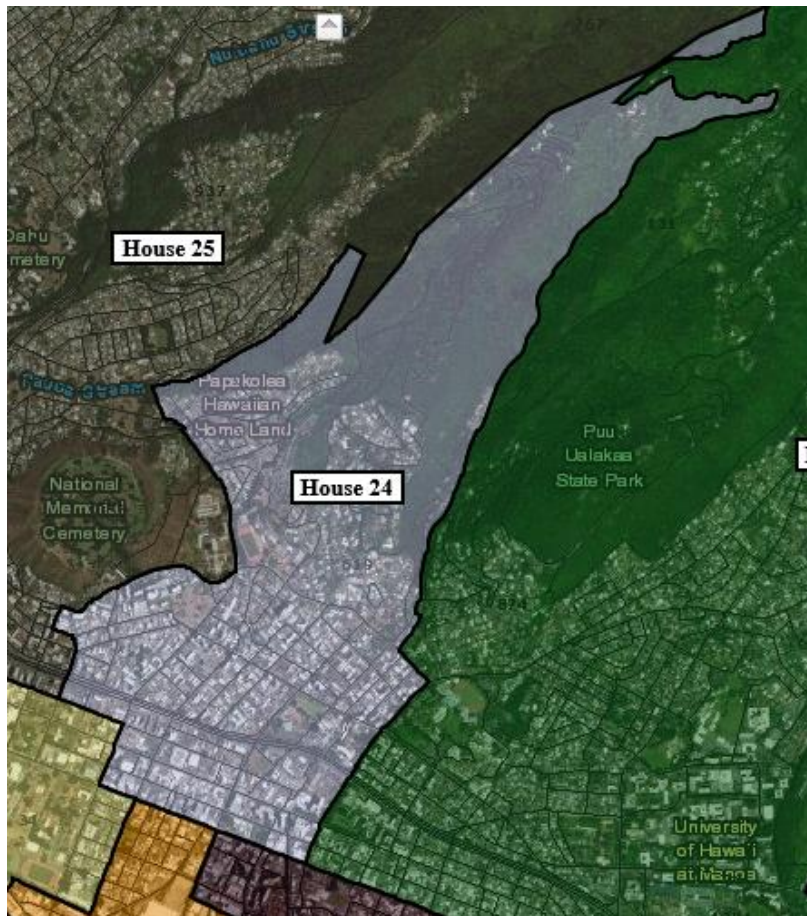


Hicks Plan 359

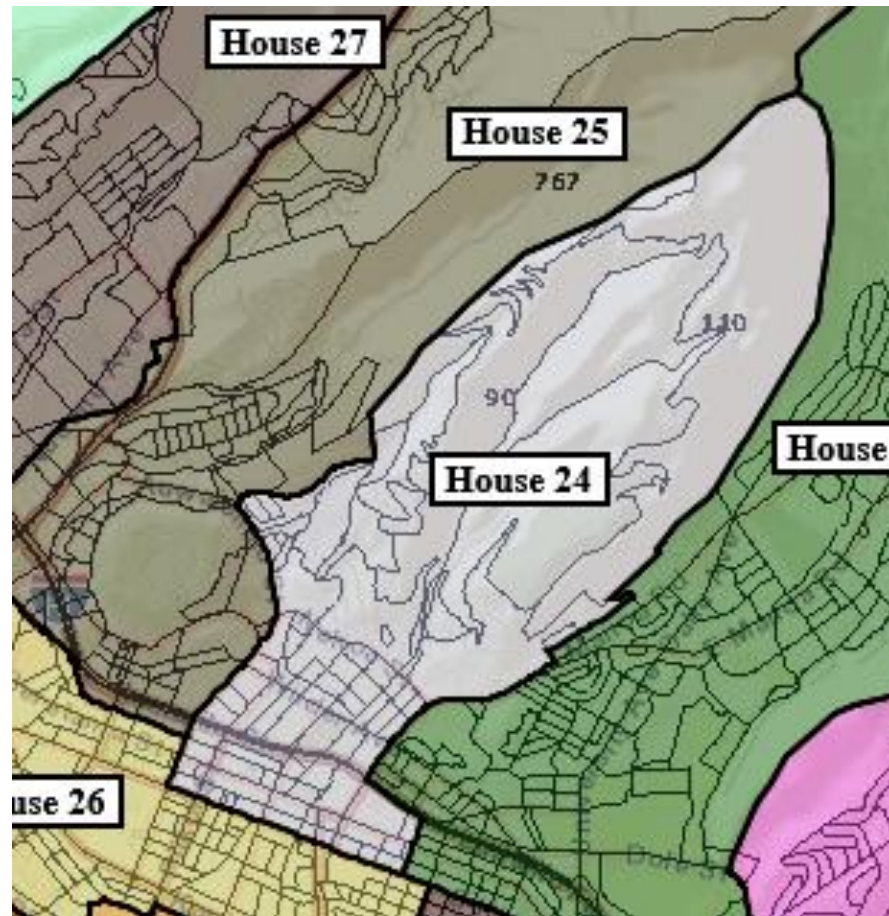


Current Plan -3097

## House District 23



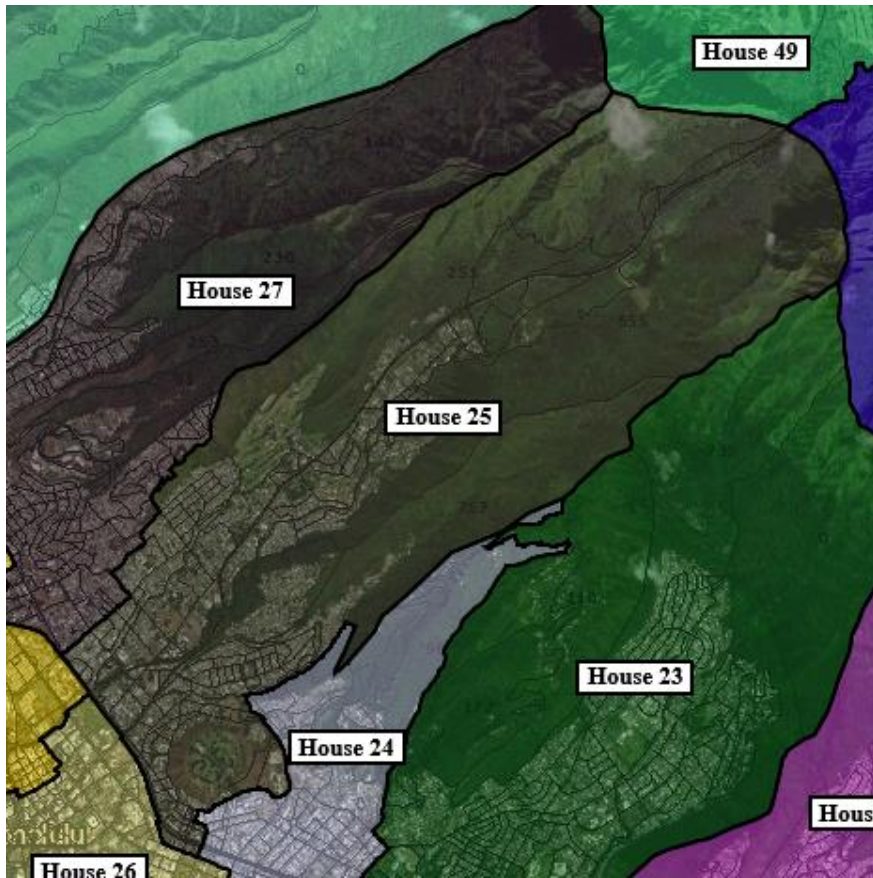
Hicks Plan 96



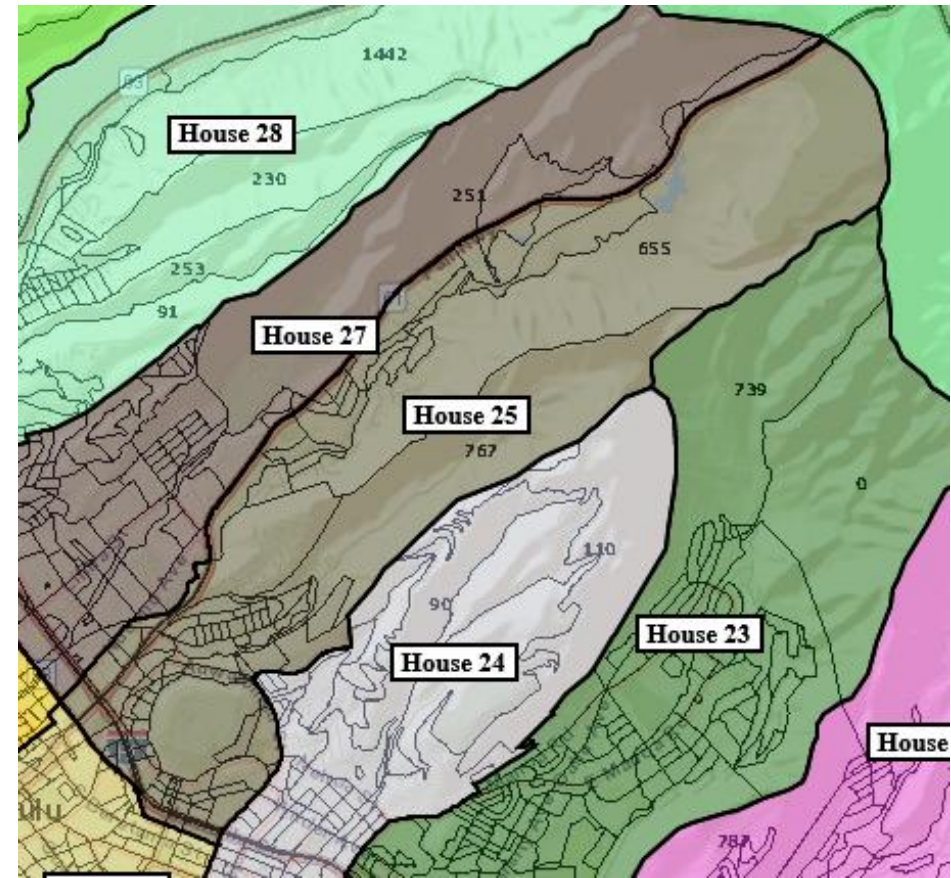
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## House District 24

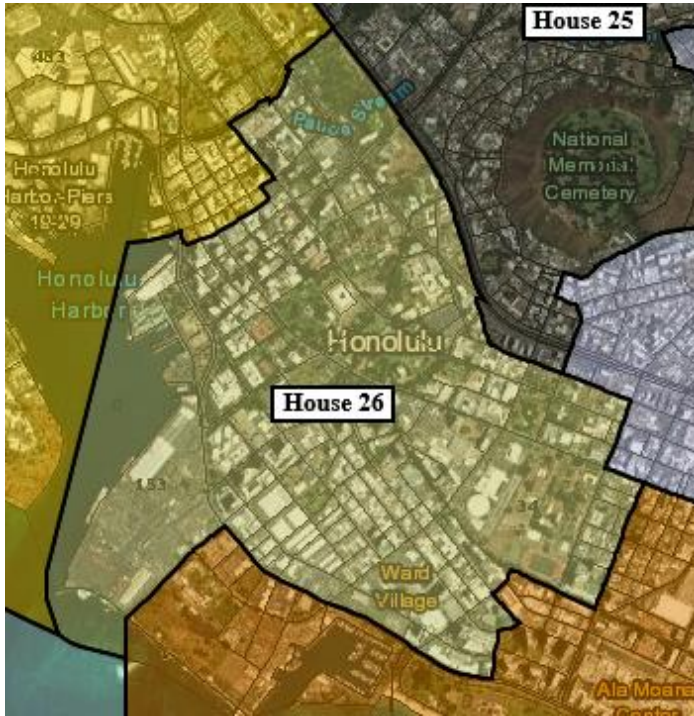




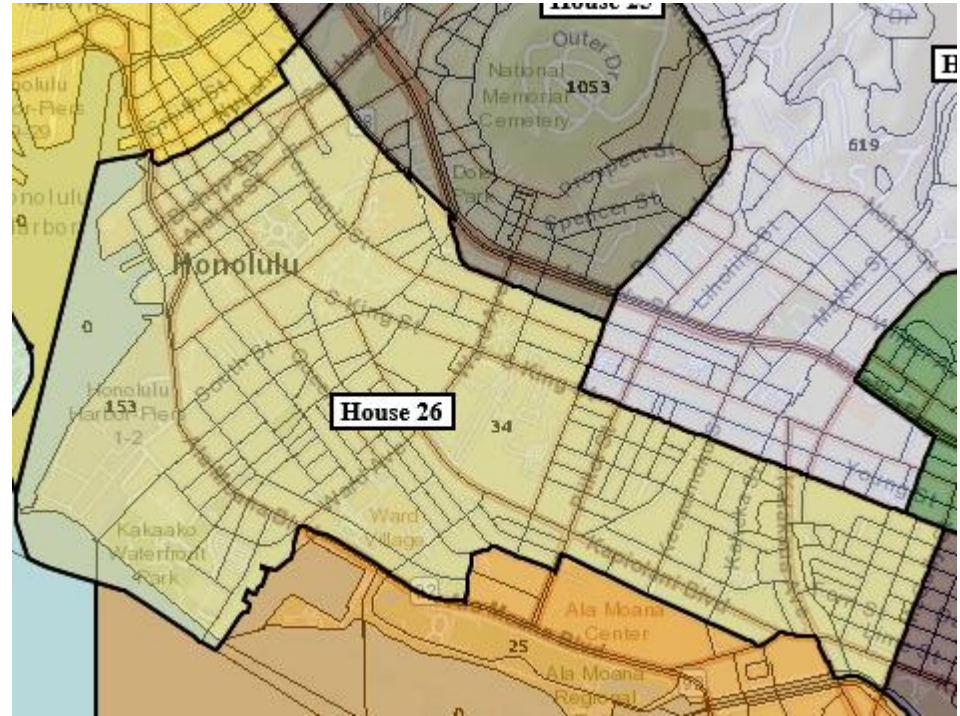
Hicks Plan 331



Current Plan -2940



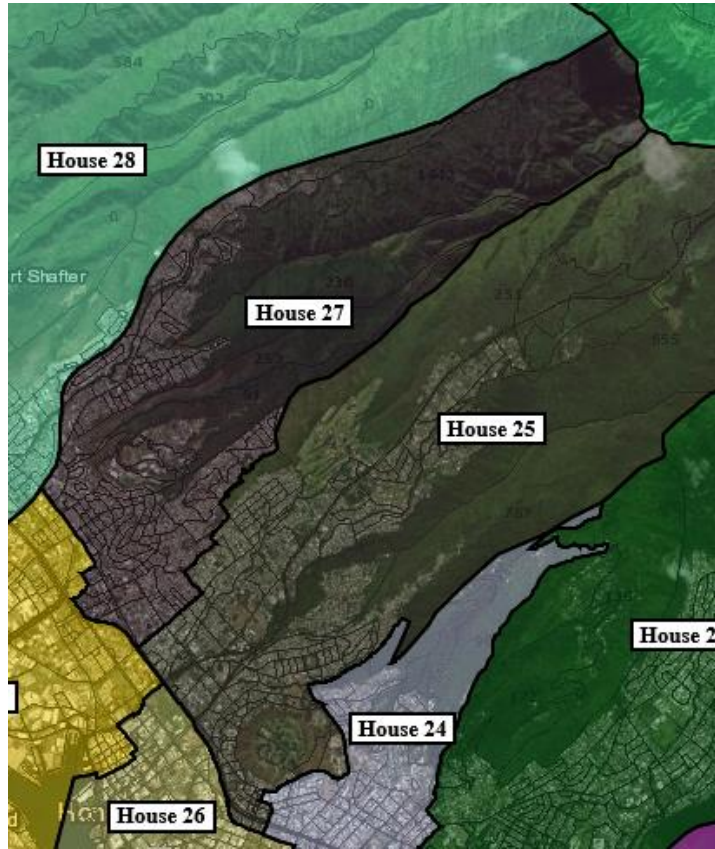
Hicks Plan 290



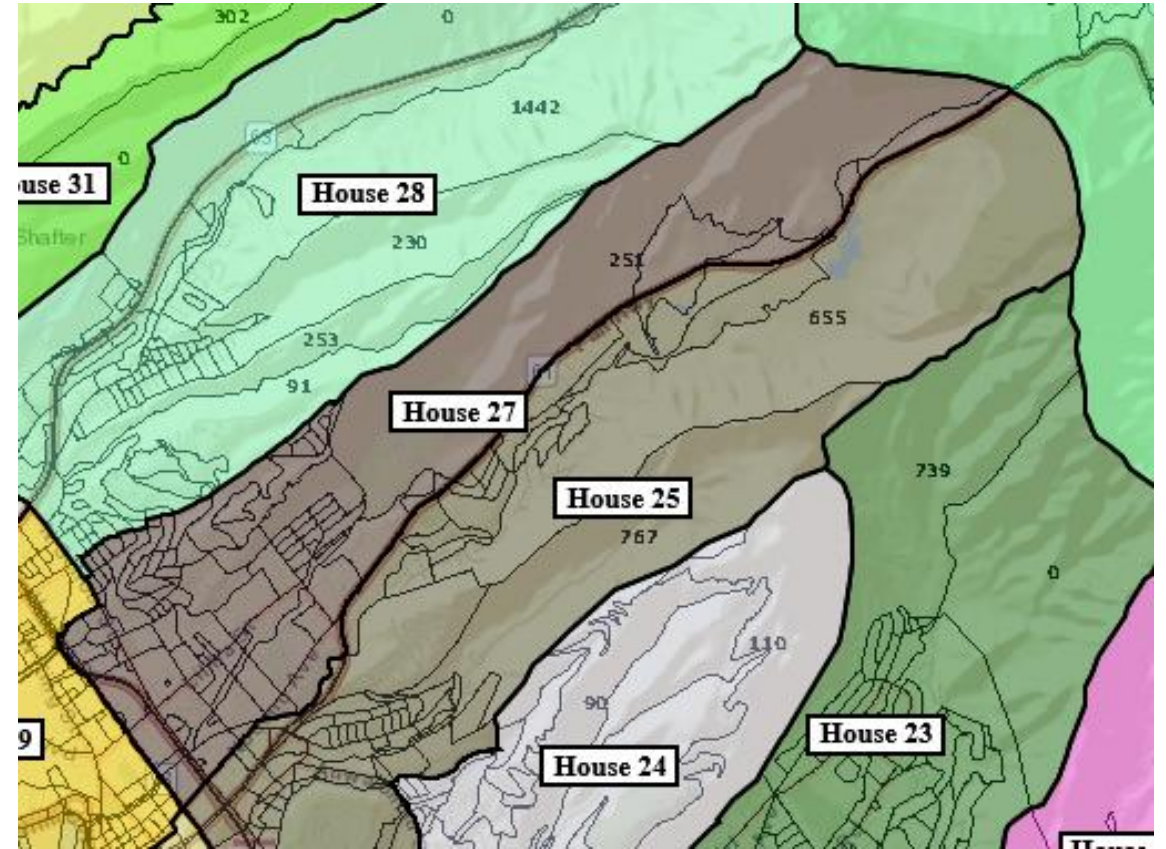
Current Plan 8163

## House District 26



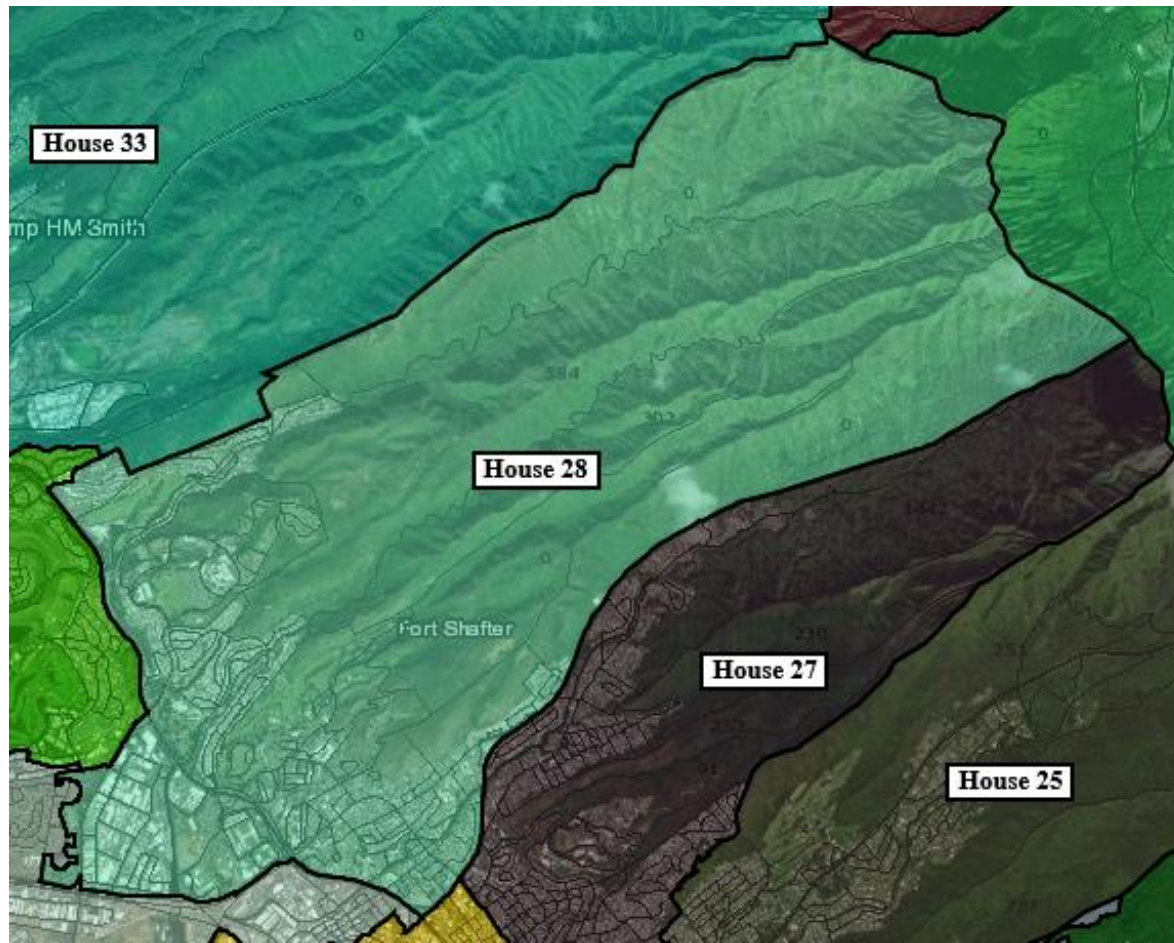


Hicks Plan 379

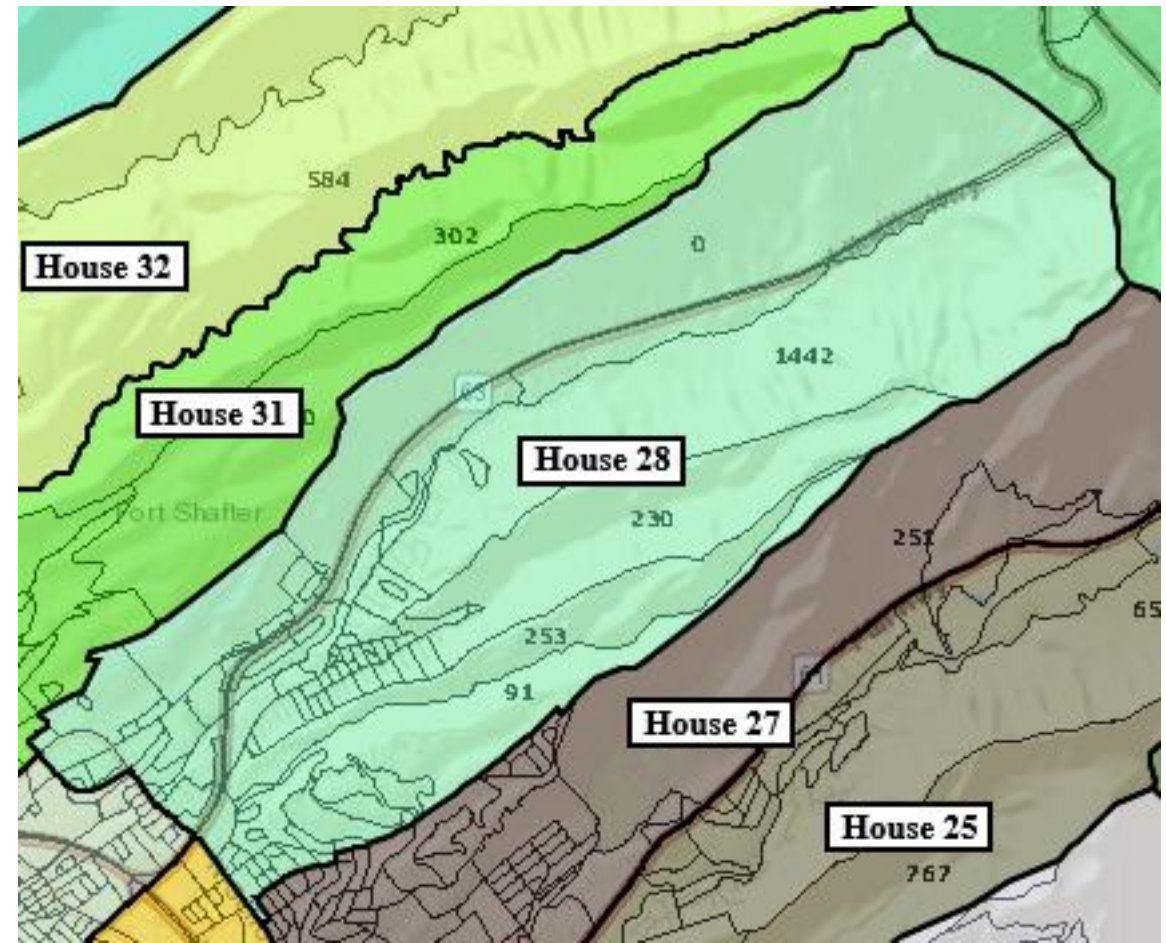


Current Plan -1543



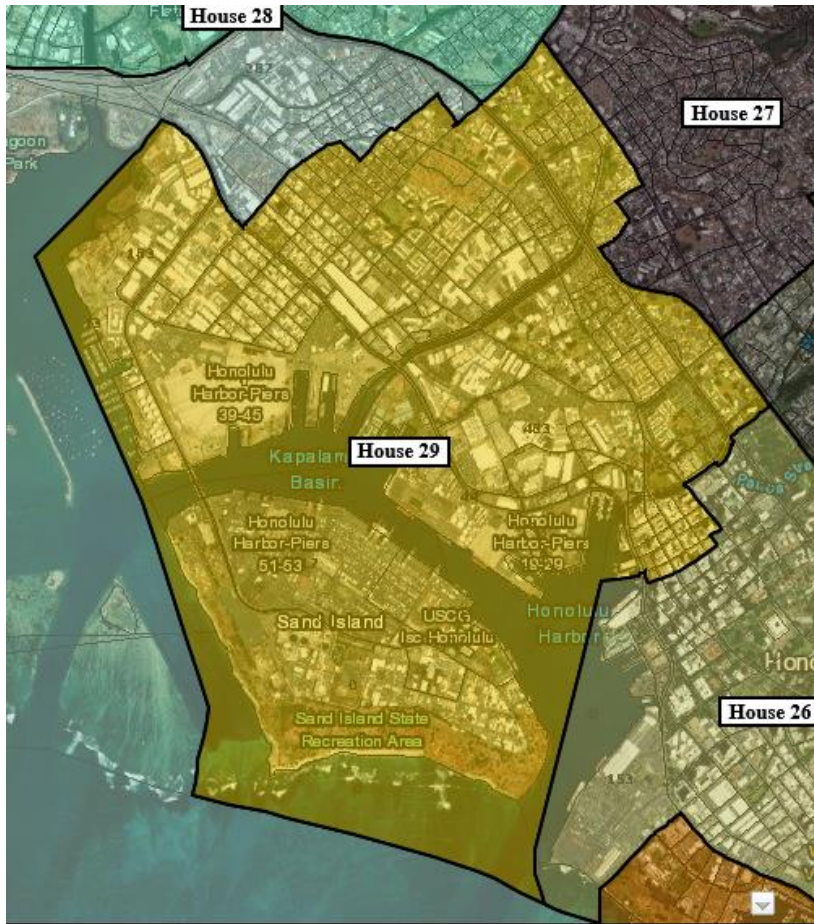


Hicks Plan -228

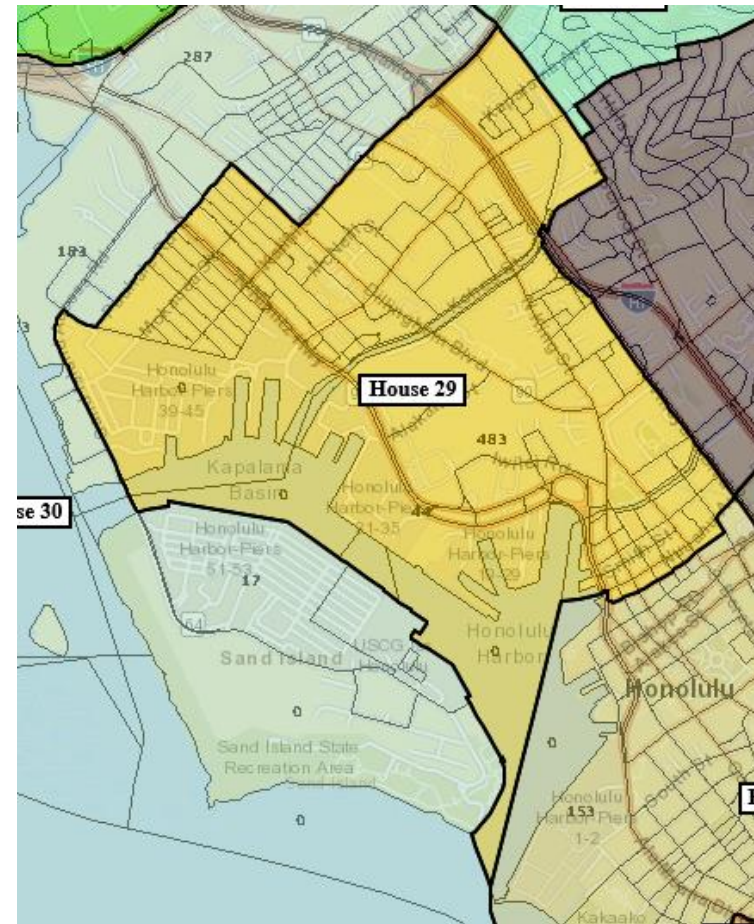


Current Plan -1148





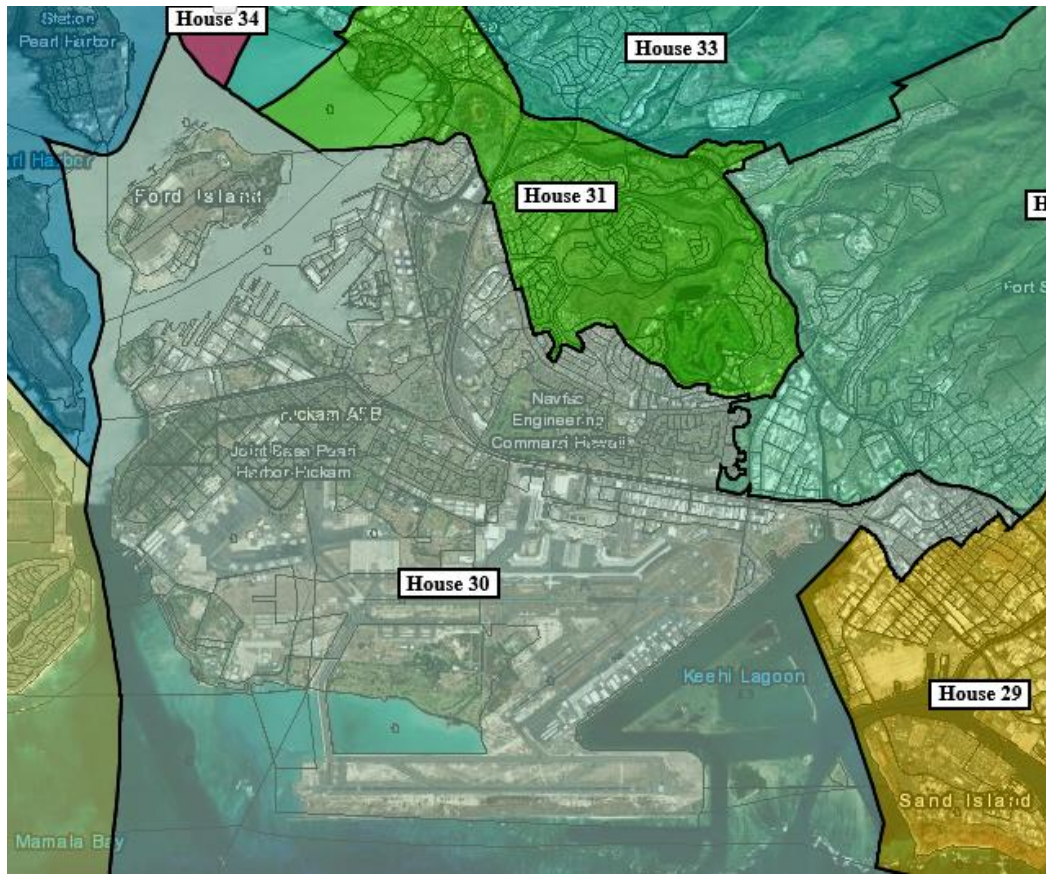
Hicks Plan 314



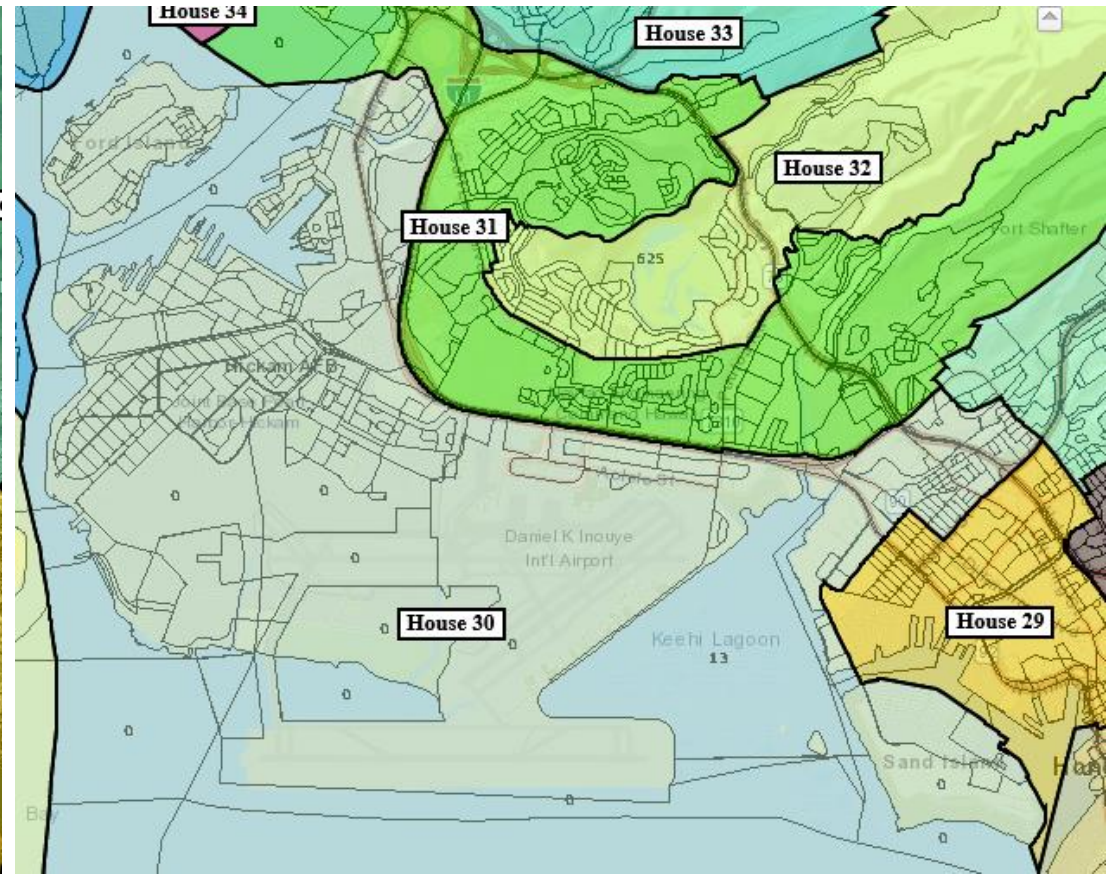
Current Plan -2396

## House District 29



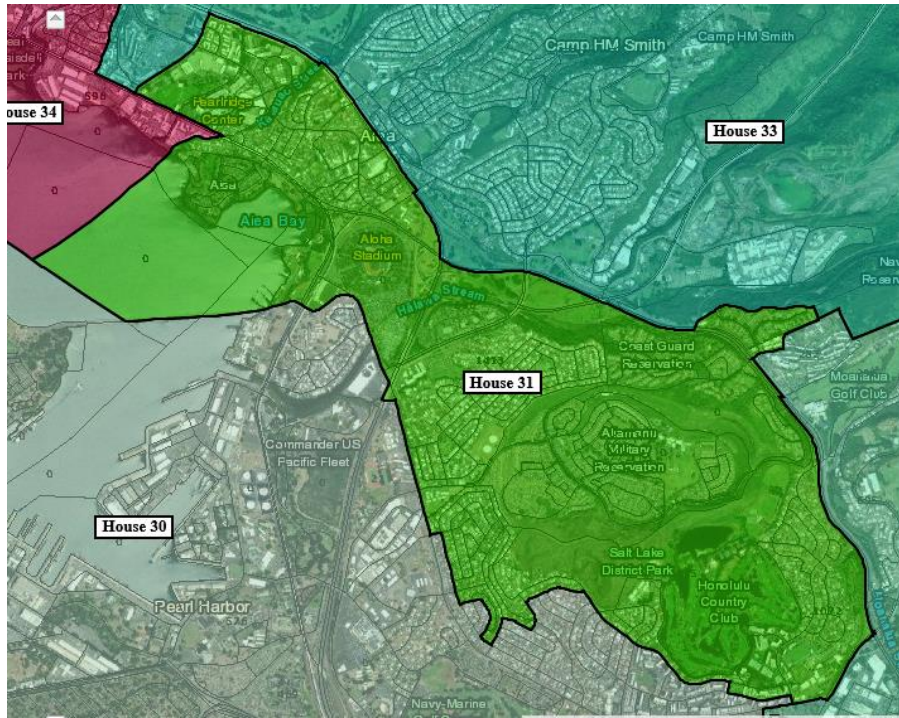


Hicks Plan -146

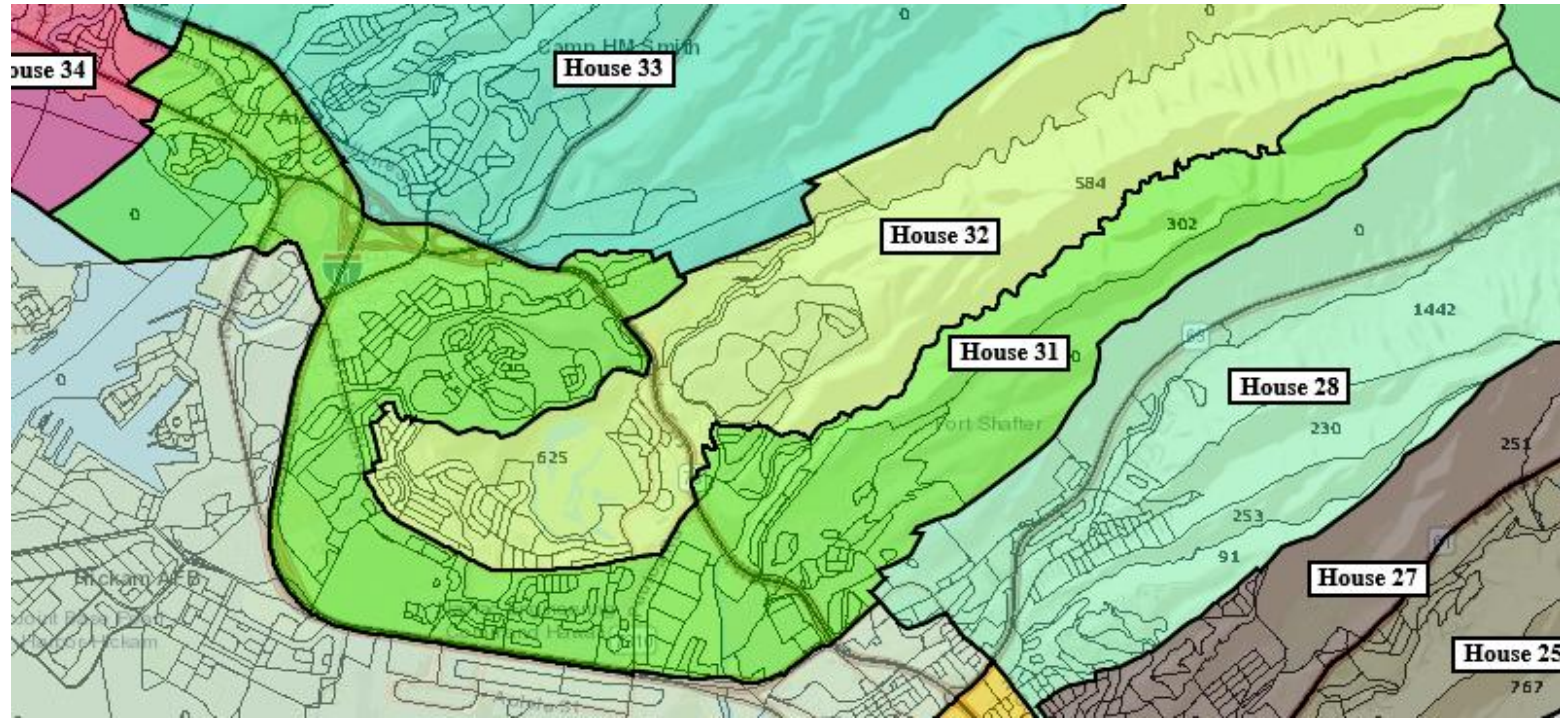


Current Plan -4129



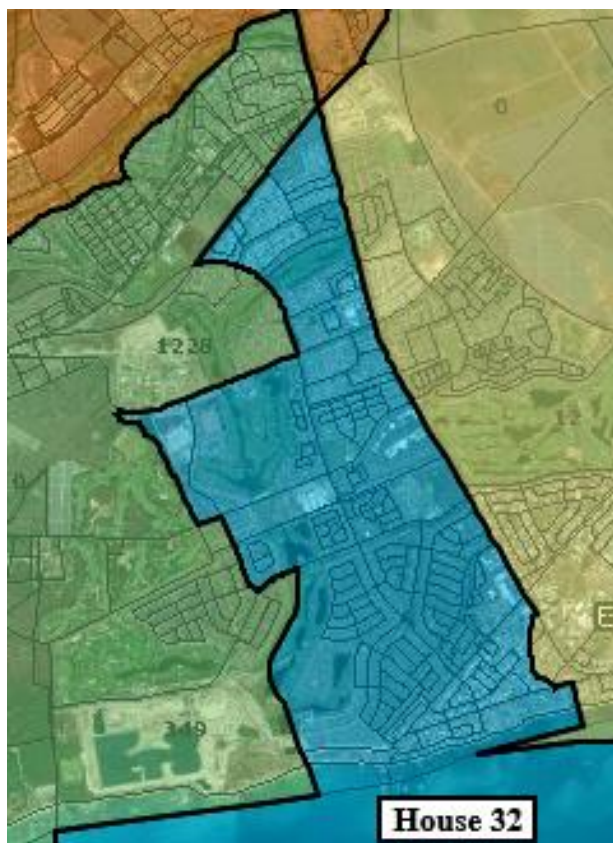


Hicks Plan w/Mililani excursion 71

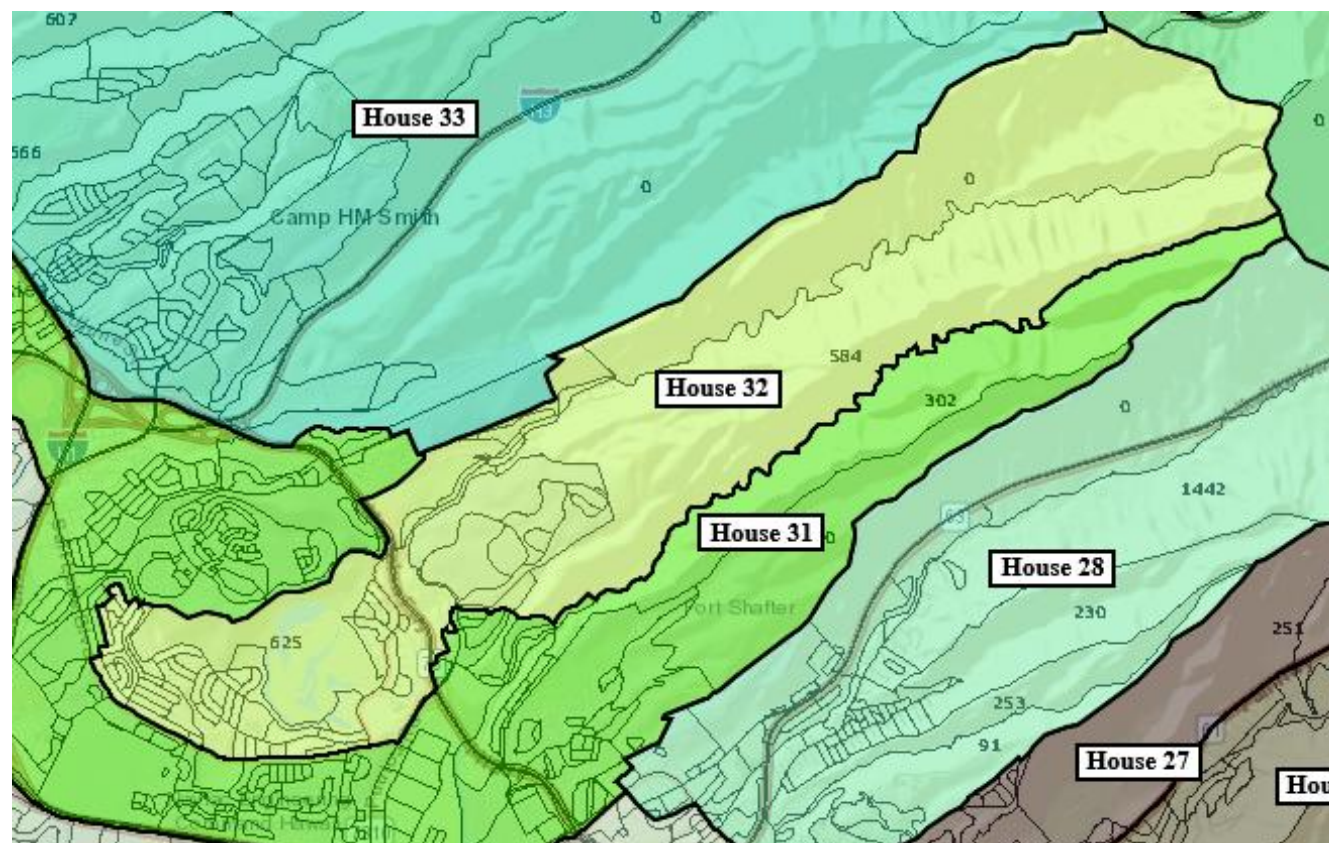


Current Plan -994





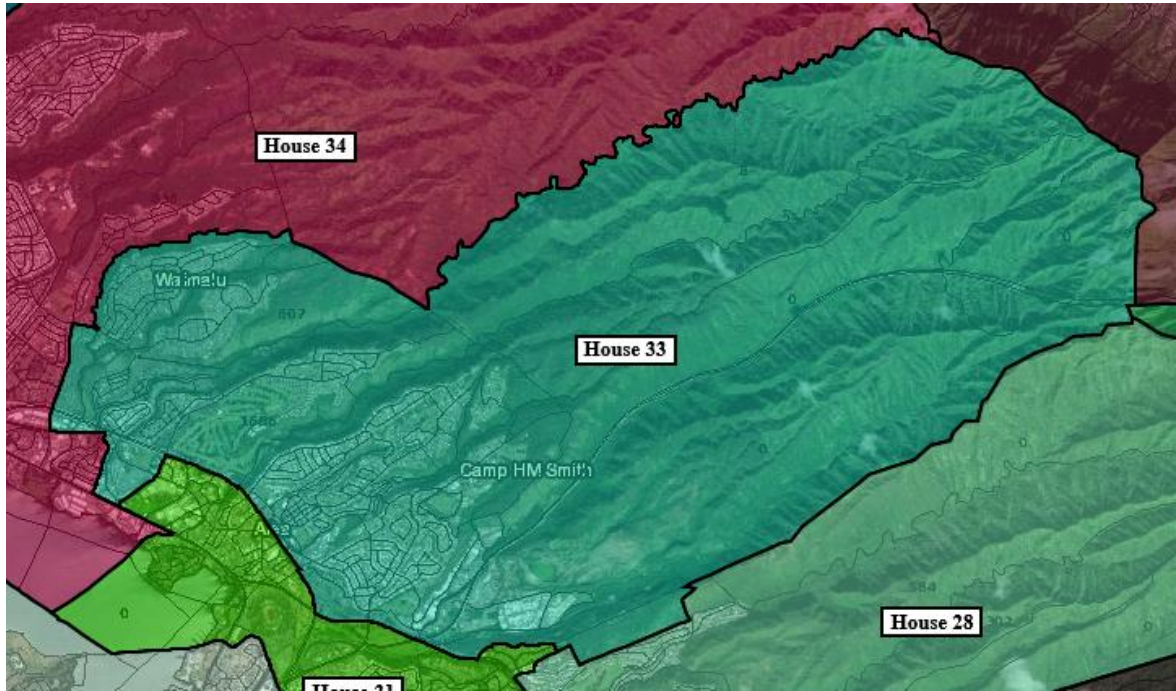
Hicks Plan 38



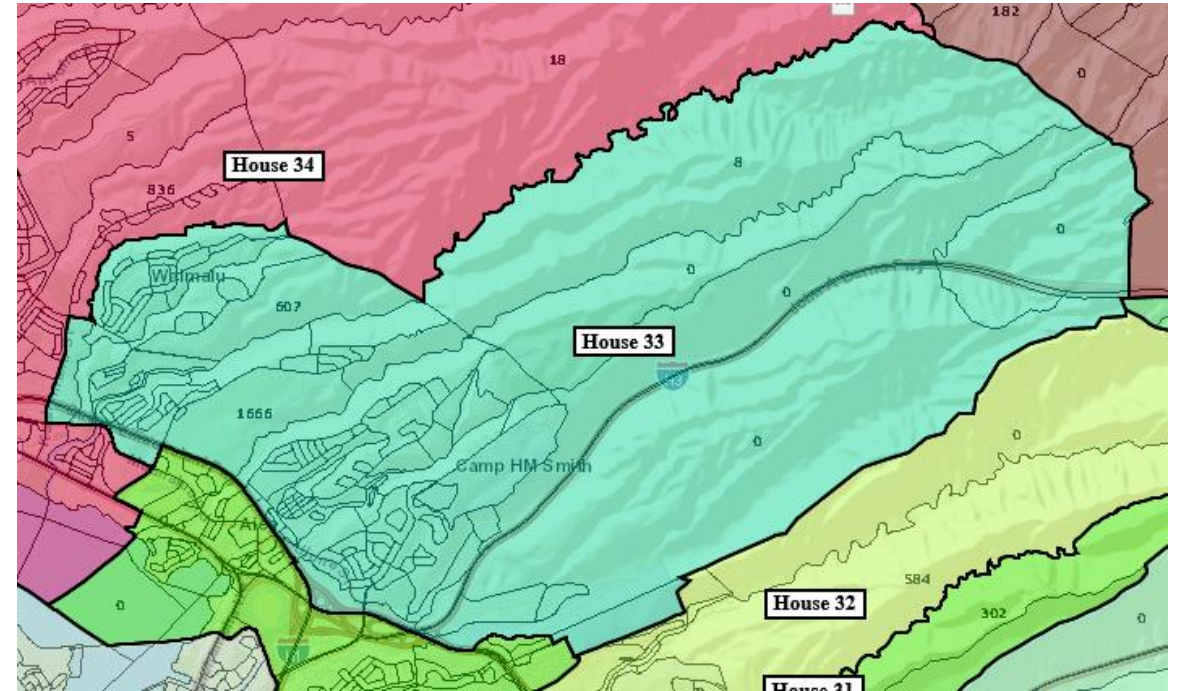
Current Plan -2062

Note, HD32 is relocated from East Oahu to Leeward Oahu.



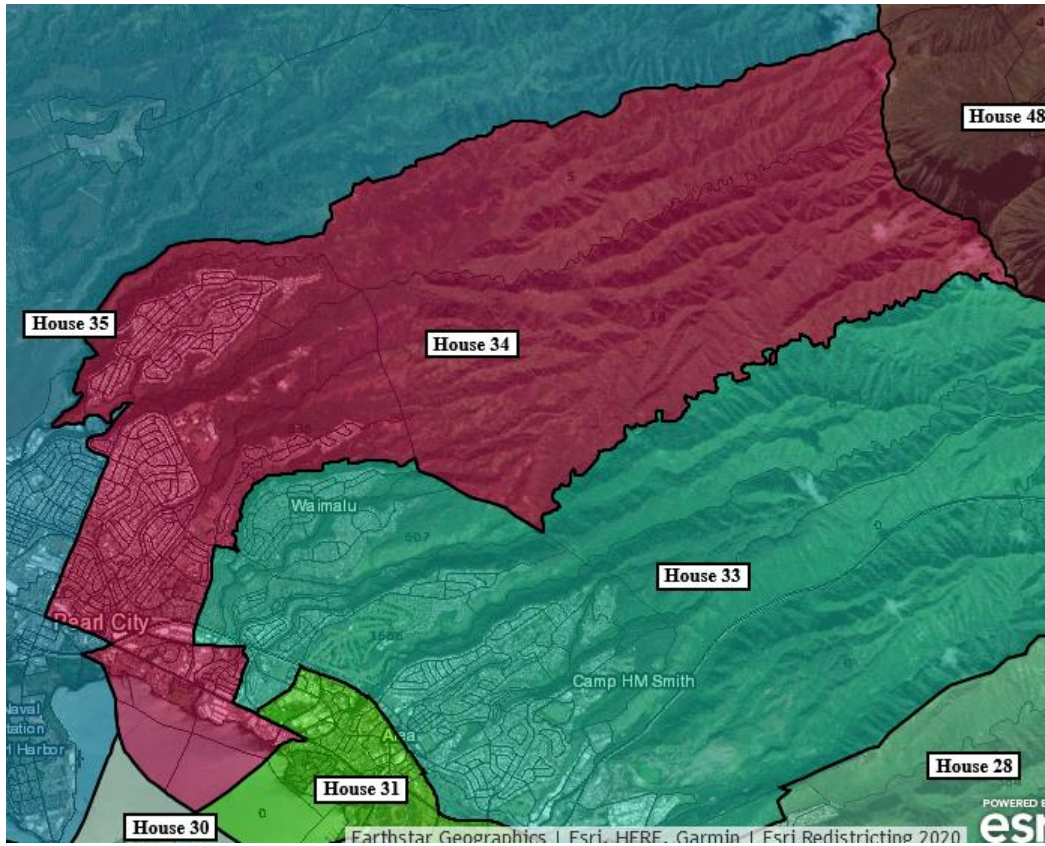


Hicks Plan w/Mililani excursion -437

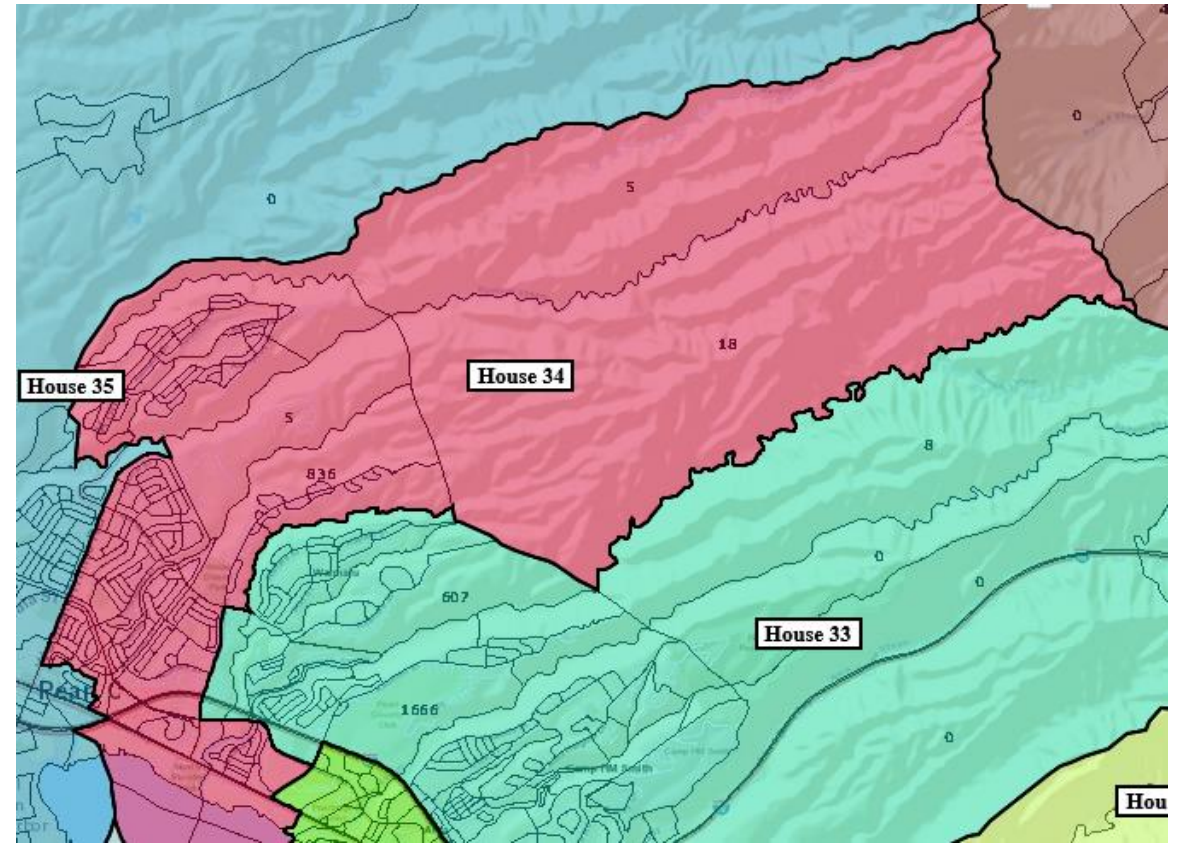


Current Plan -1943



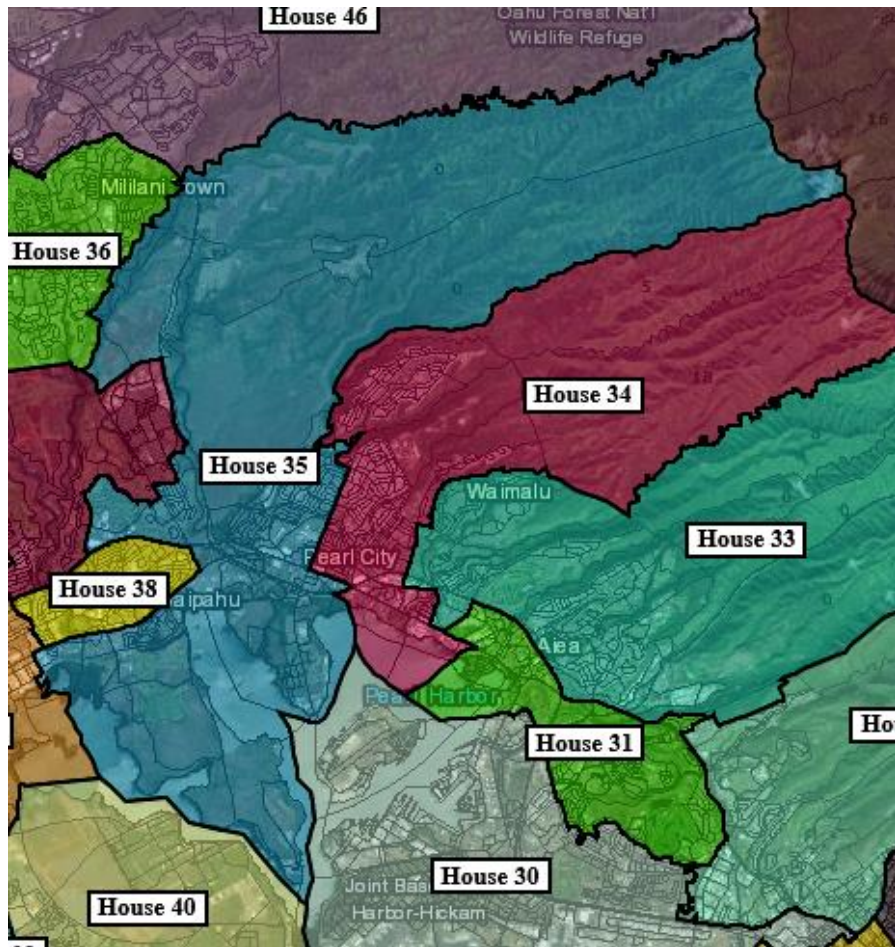


Hicks Plan w/Mililani excursion -244

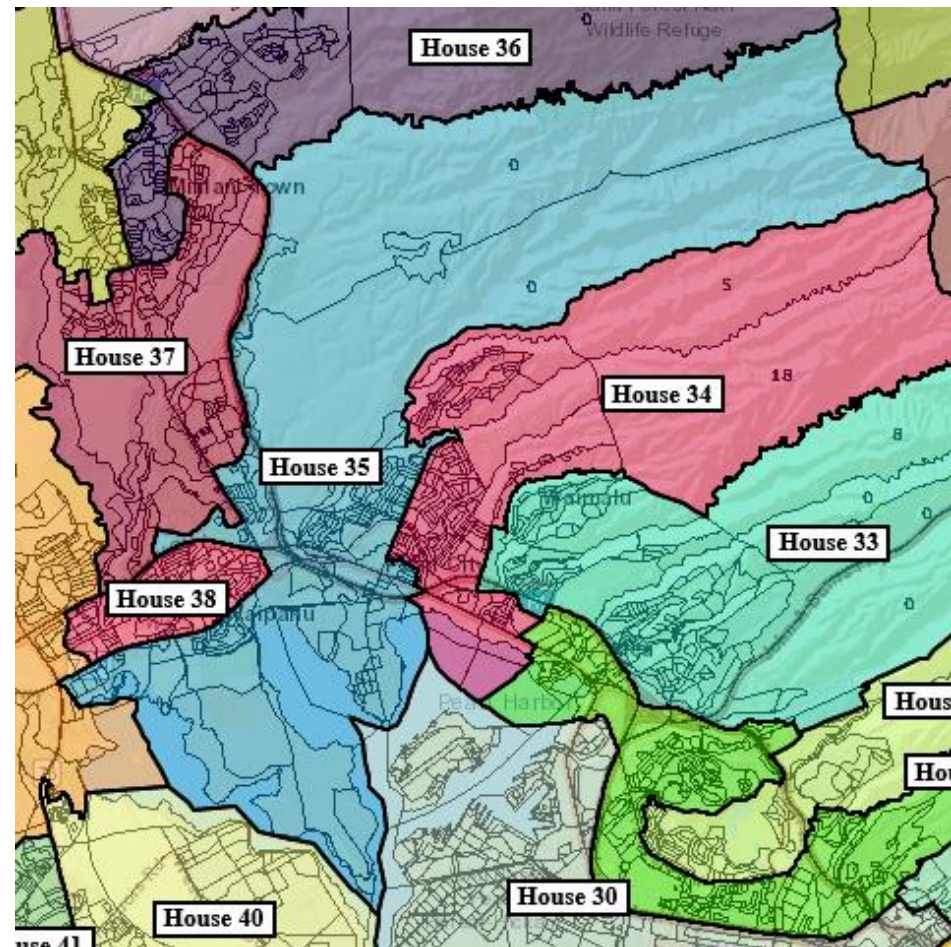


Current Plan 367



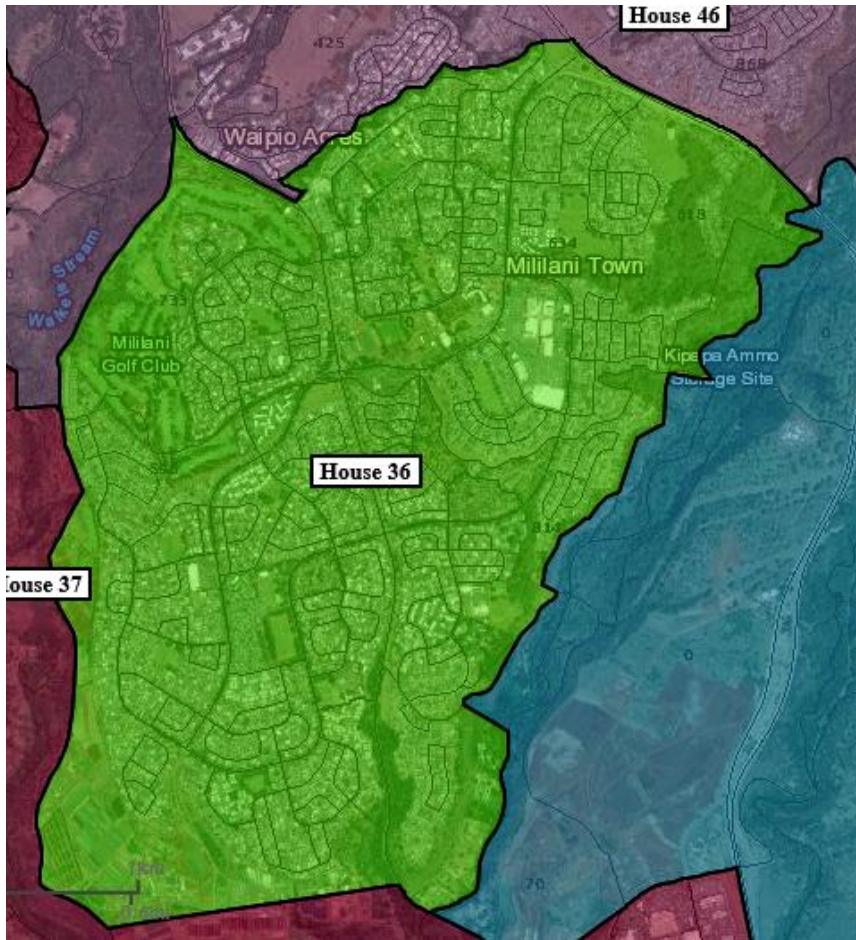


Hicks Plan w/Mililani excursion -181



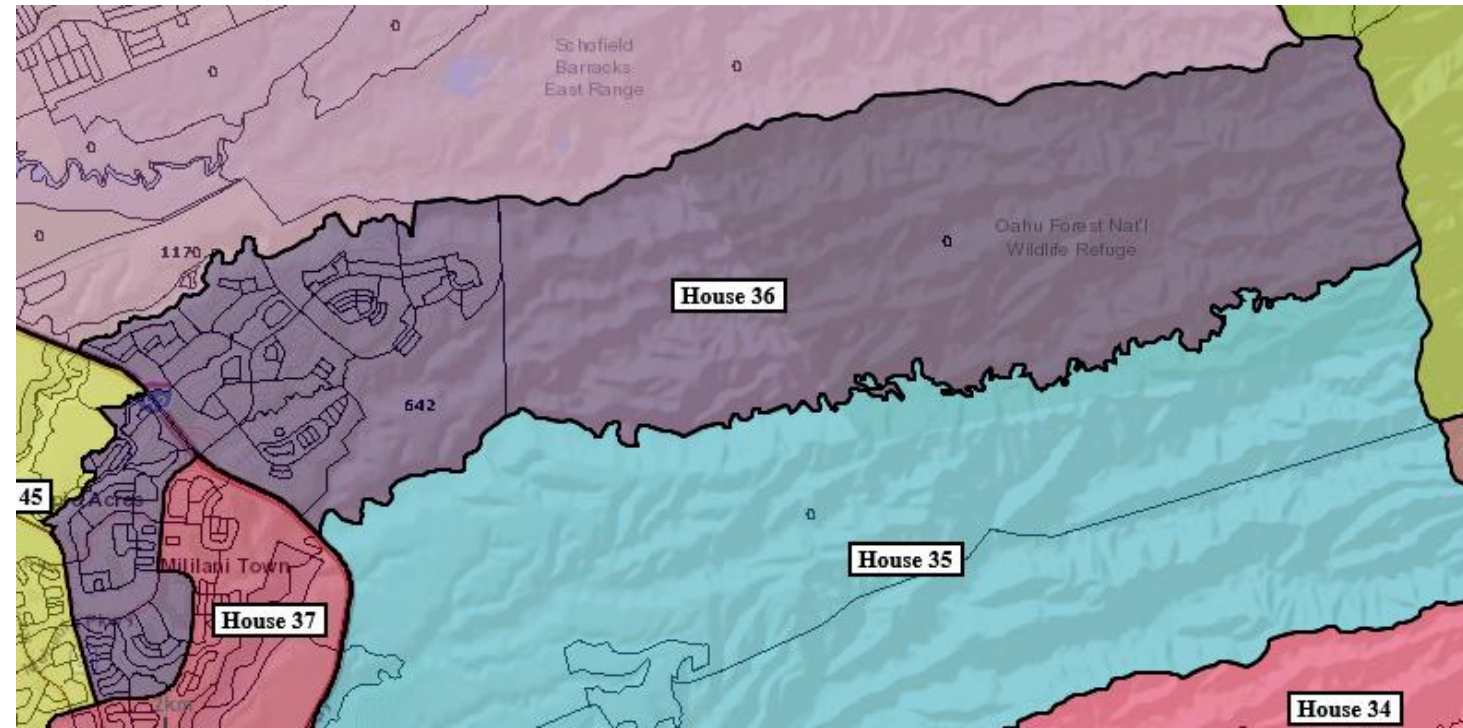
Current Plan -257





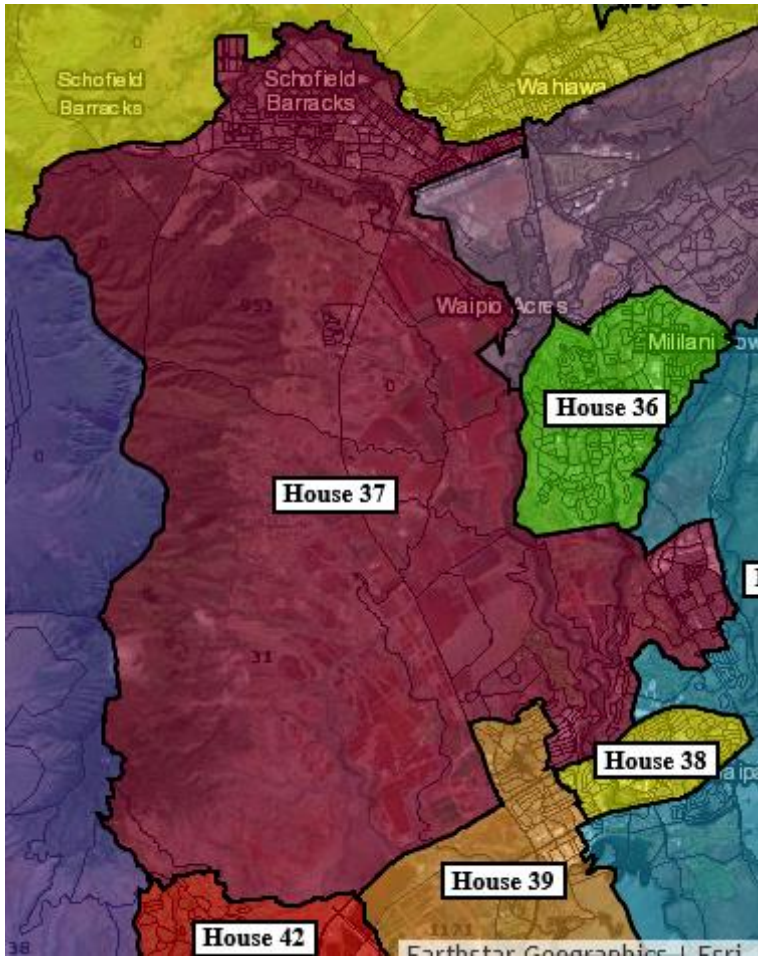
Hicks Plan w/Mililani excursion 149

(HD36 would include all of Mililani Town, and nowhere else.)

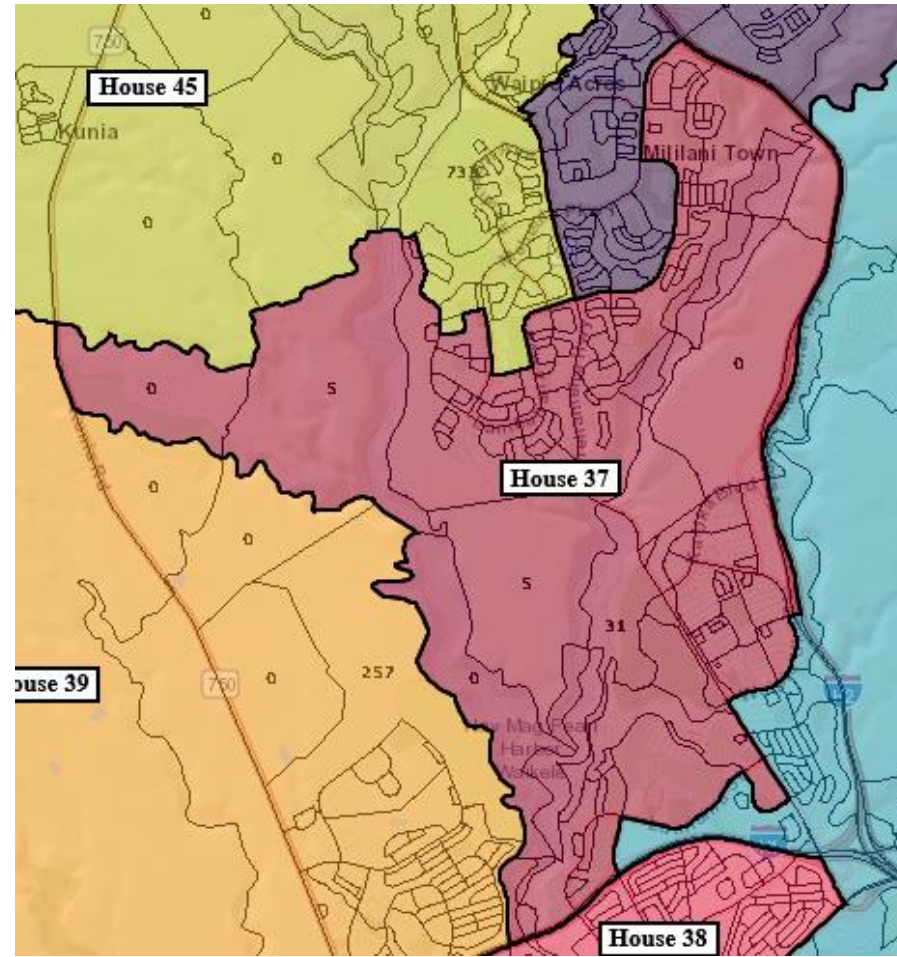


Current Plan 285



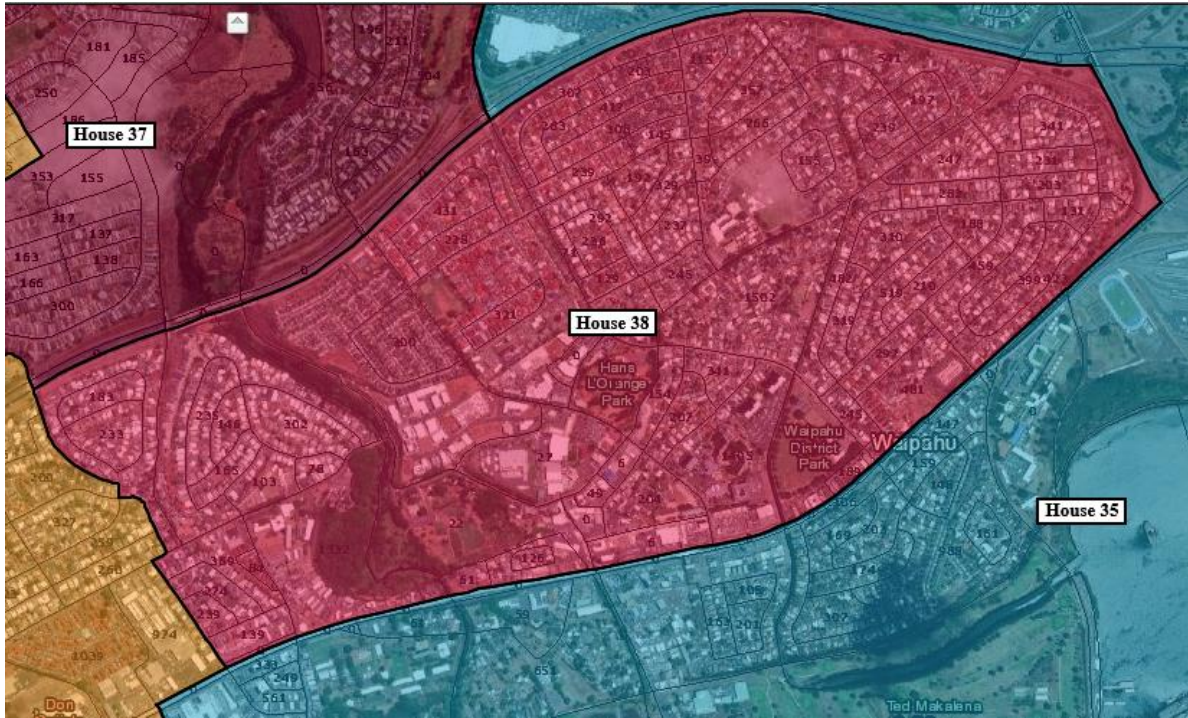


Hicks Plan w/Mililani excursion 18

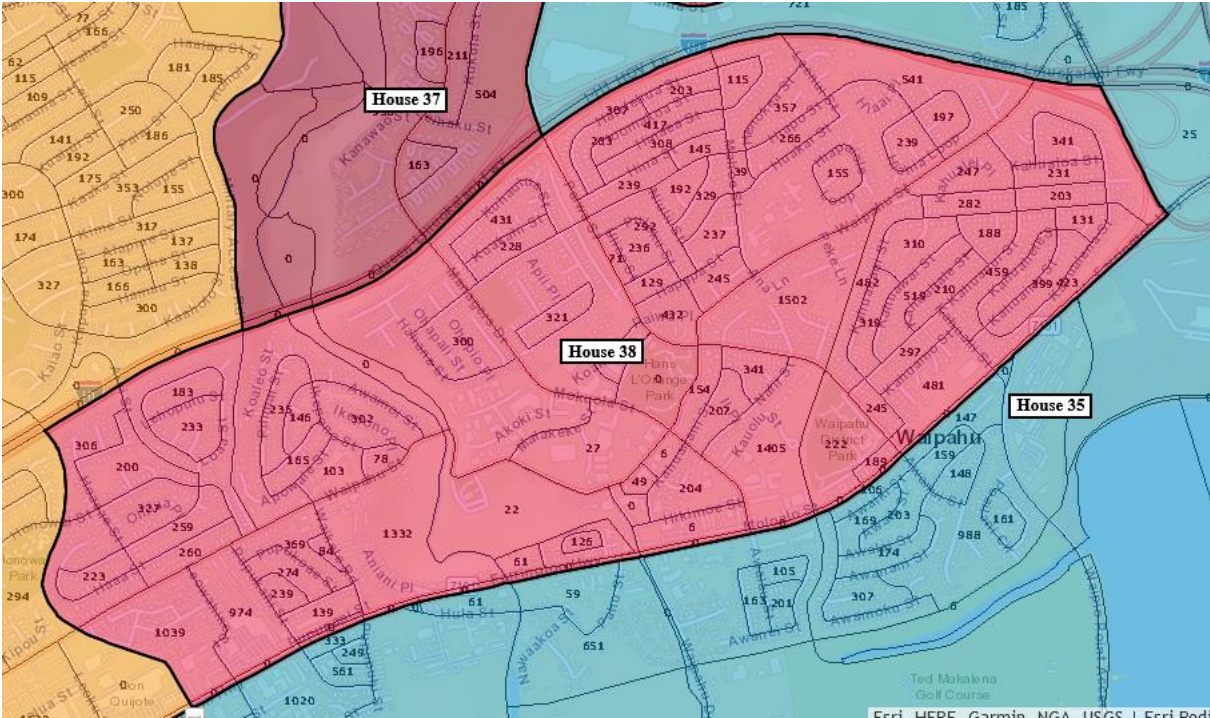


Current Plan 596



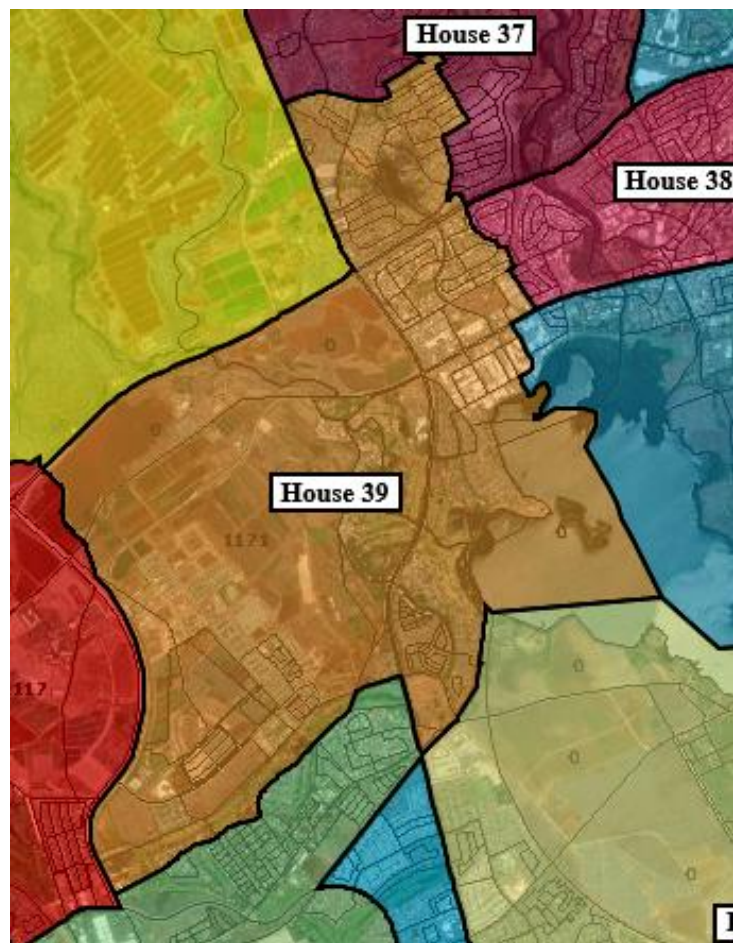


Hicks Plan 4

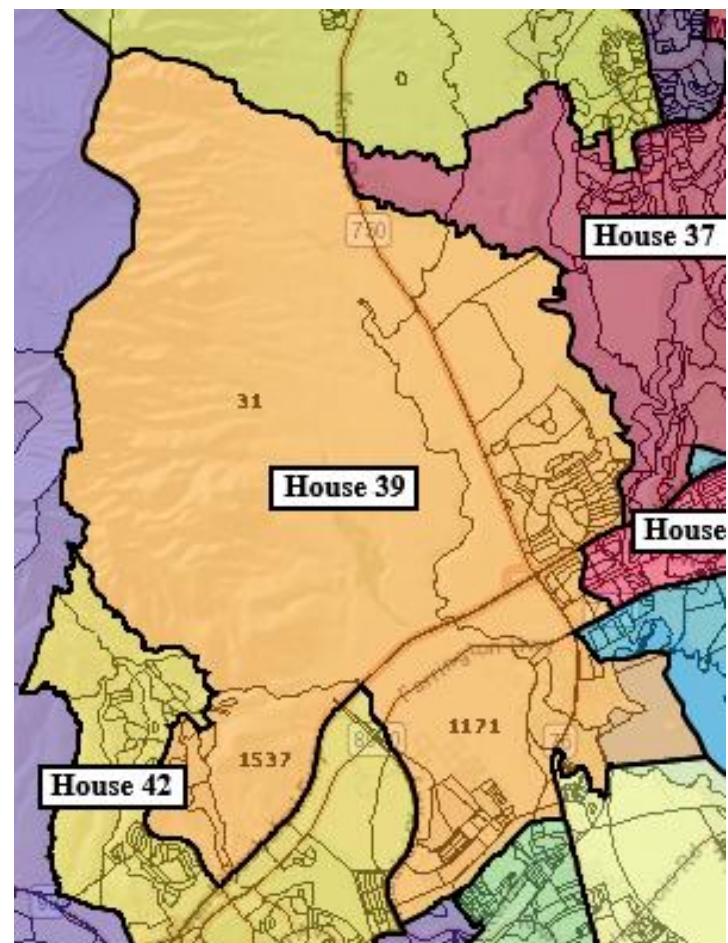


Current Plan 4094

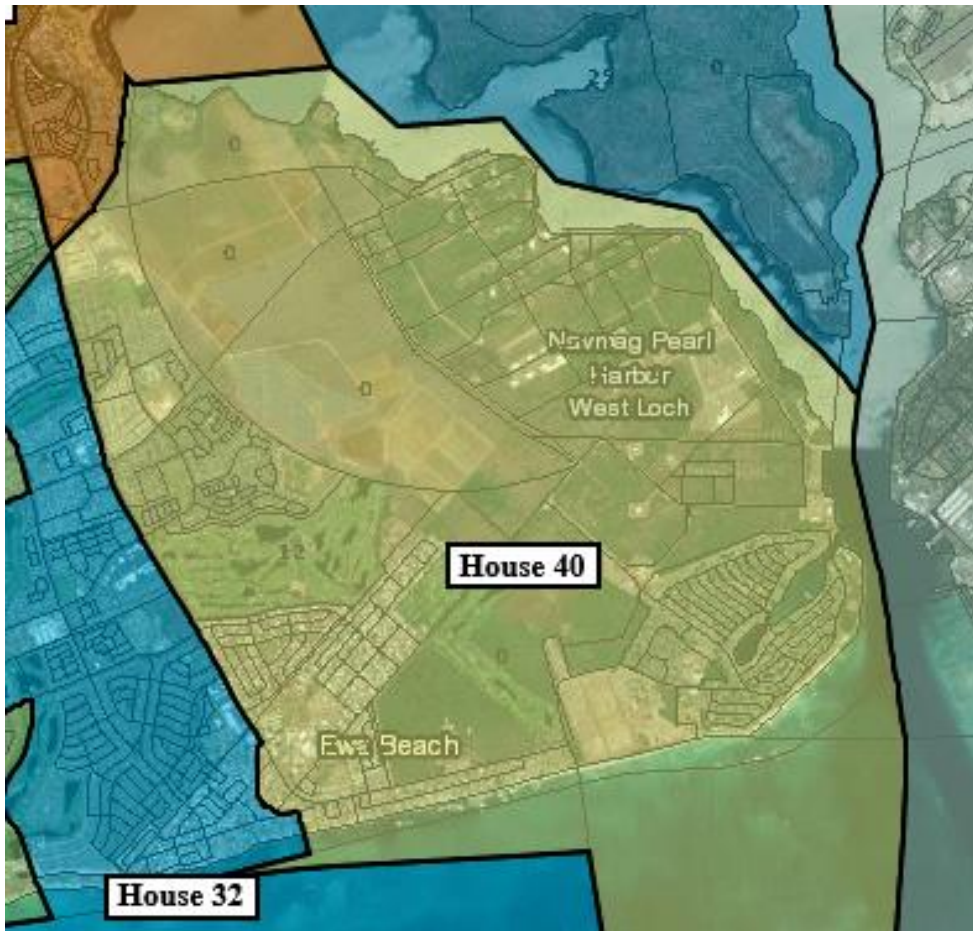




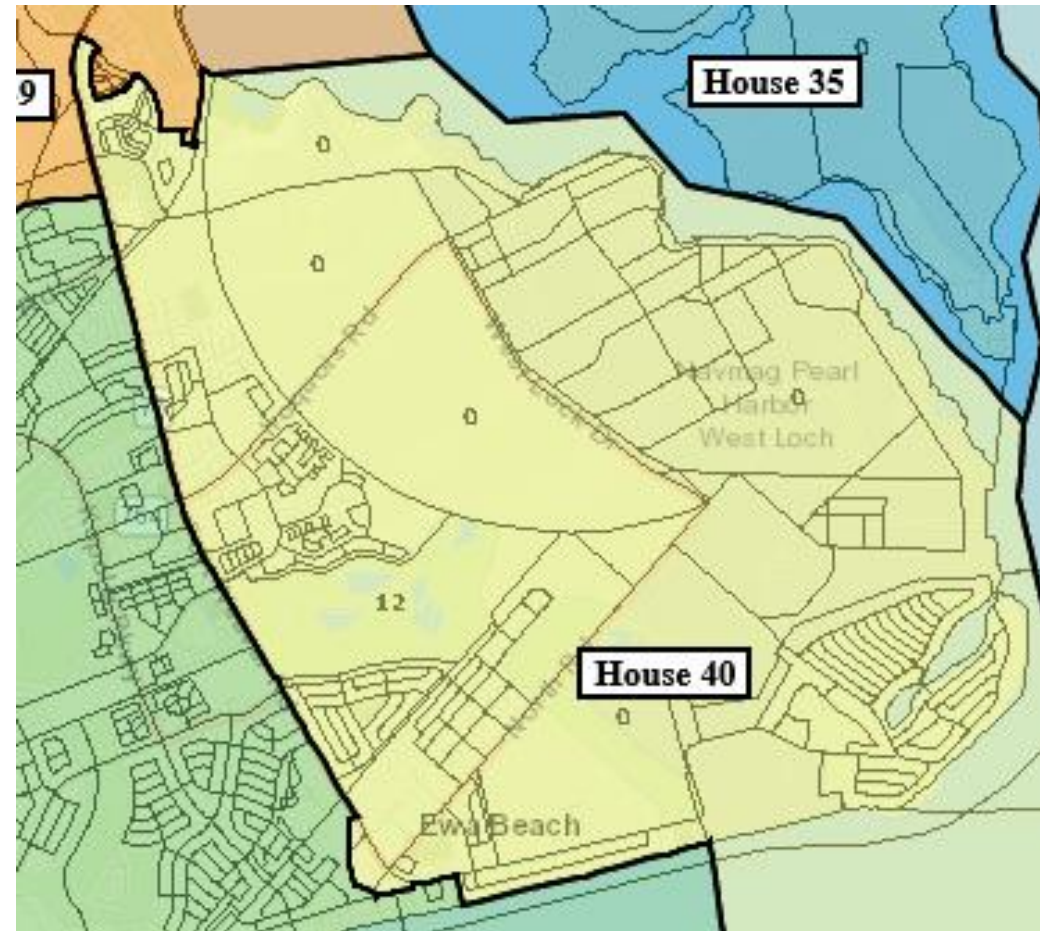
Hicks Plan 34



Current Plan 6926

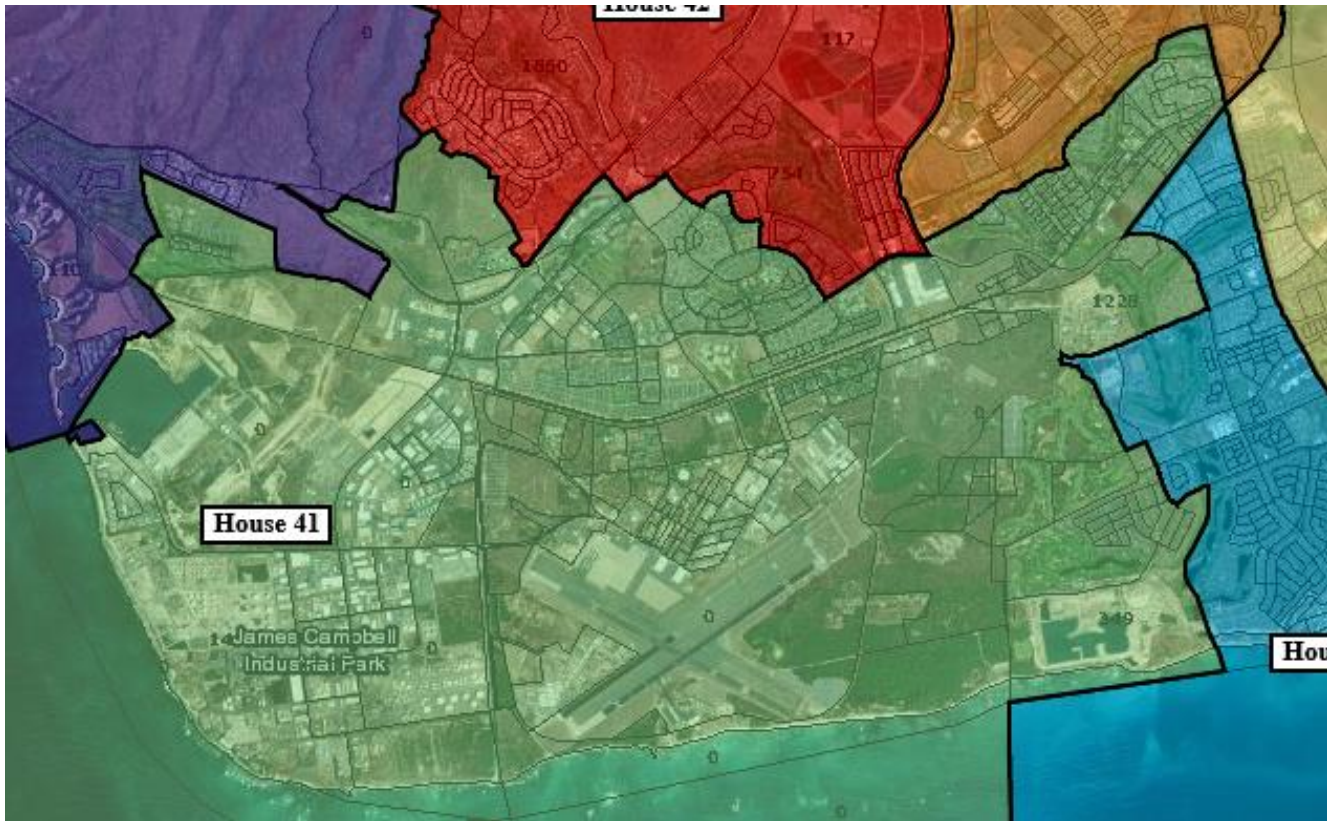


Hicks Plan 12

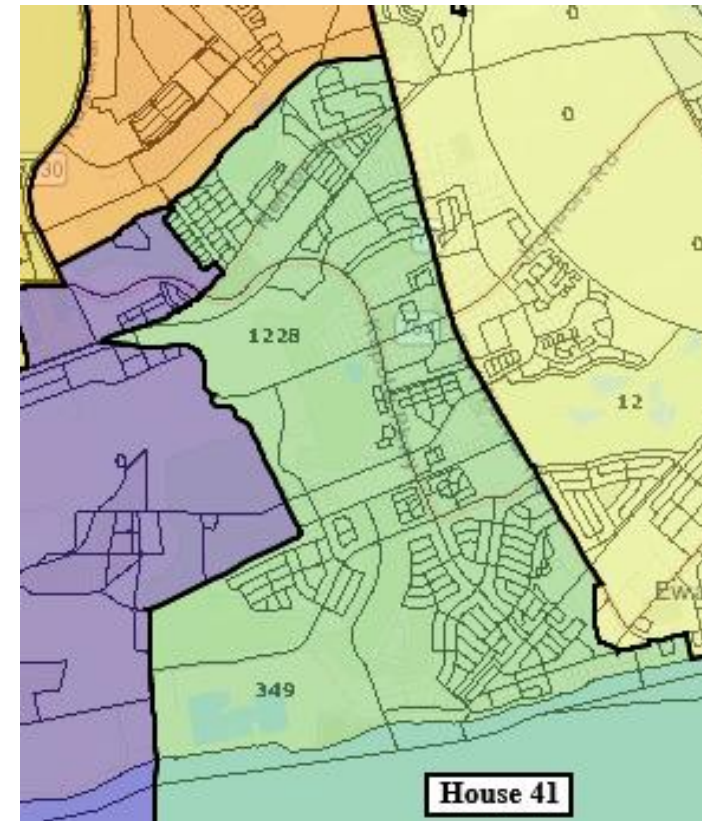


Current Plan 1533



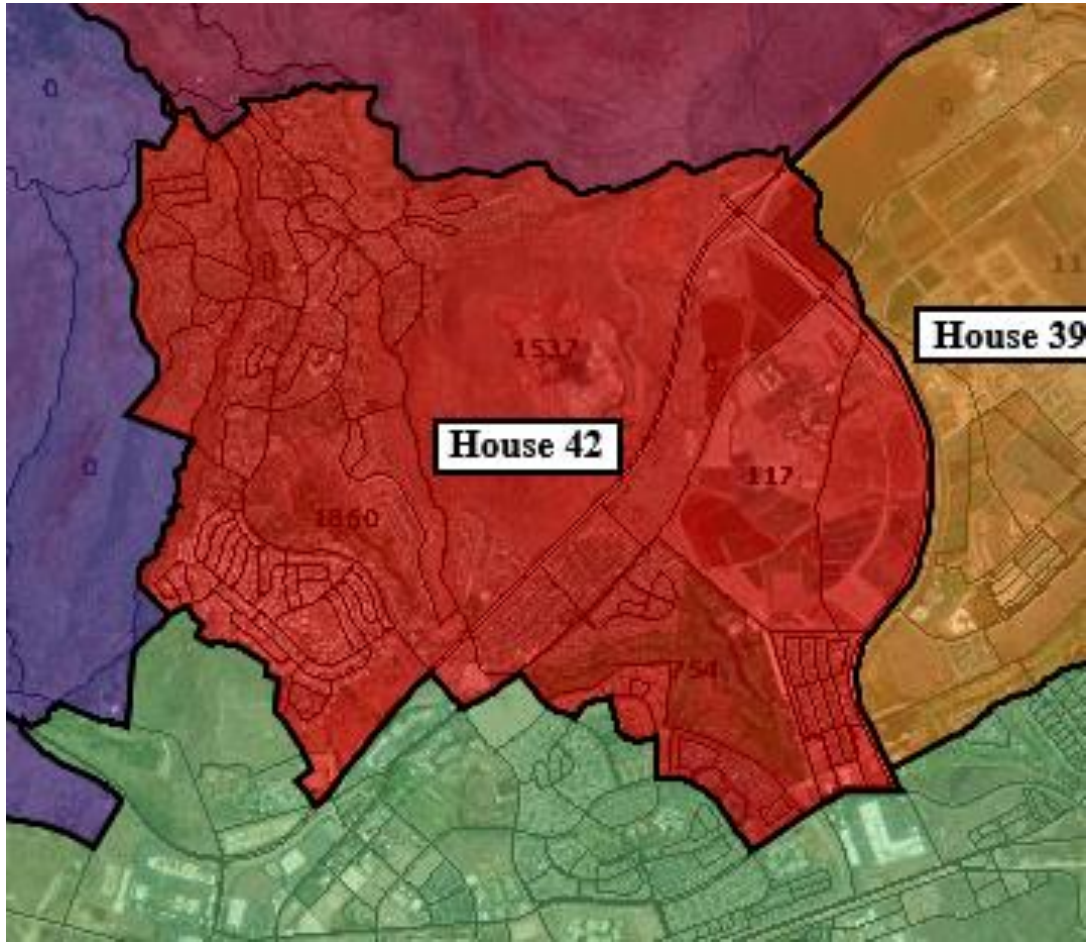


Hicks Plan 22

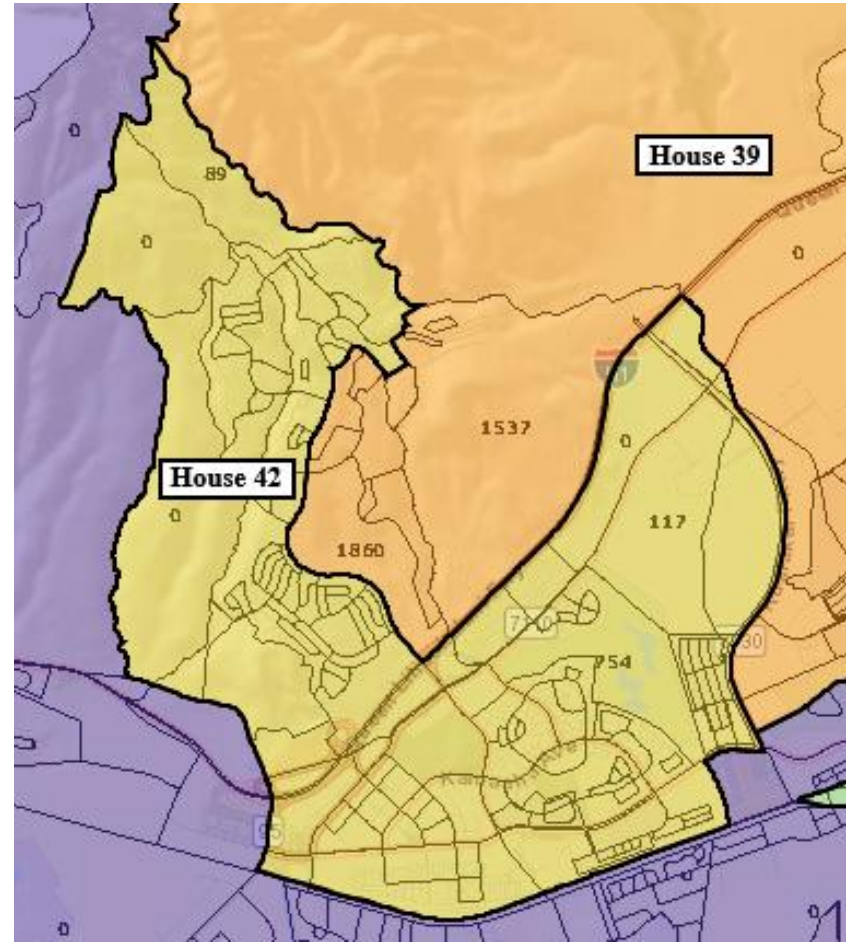


Current Plan 10703



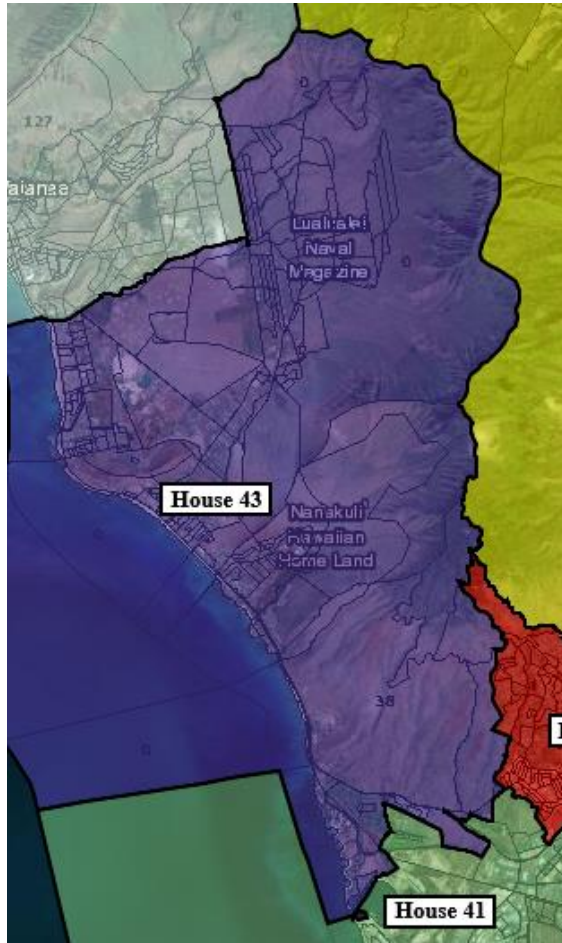


Hicks Plan w/Mililani excursion -134

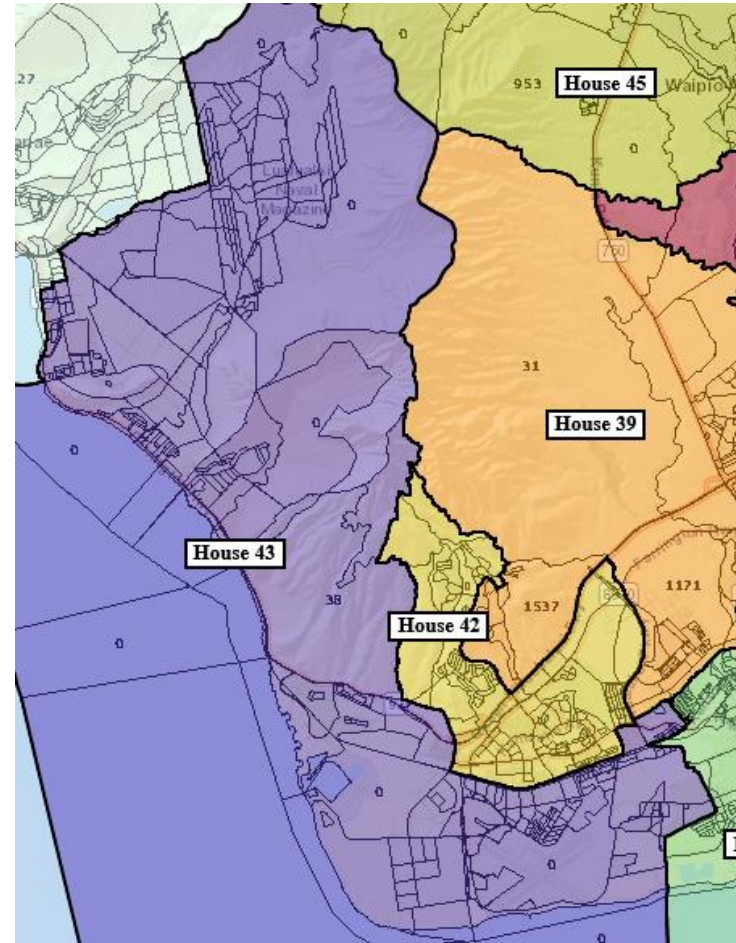


Current Plan 6948





Hicks Plan 135



Current Plan 1999

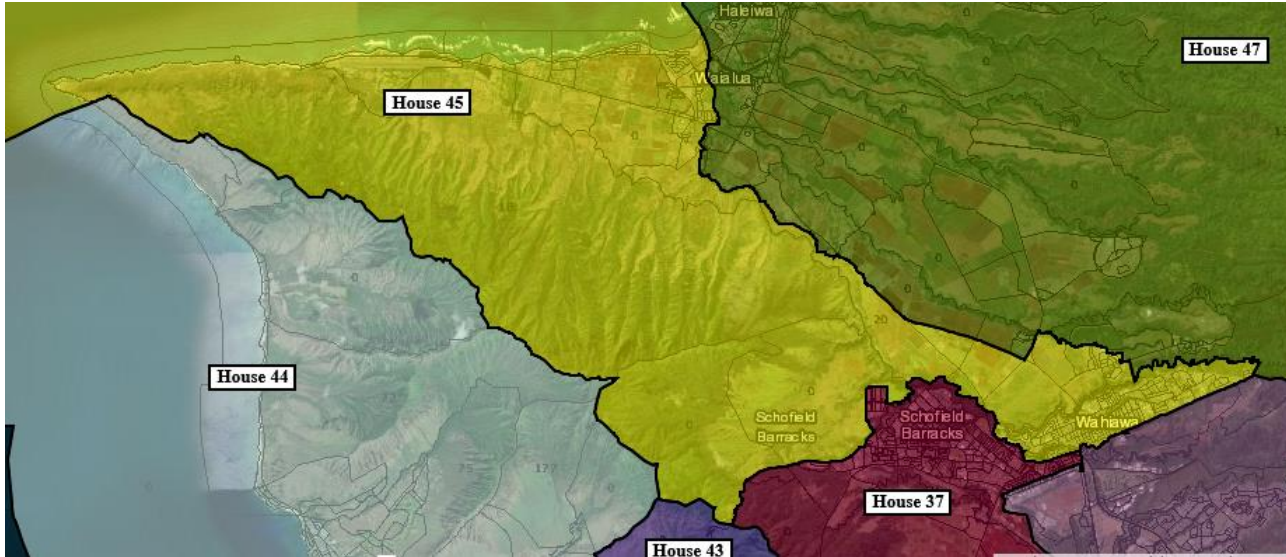


Hicks Plan 115

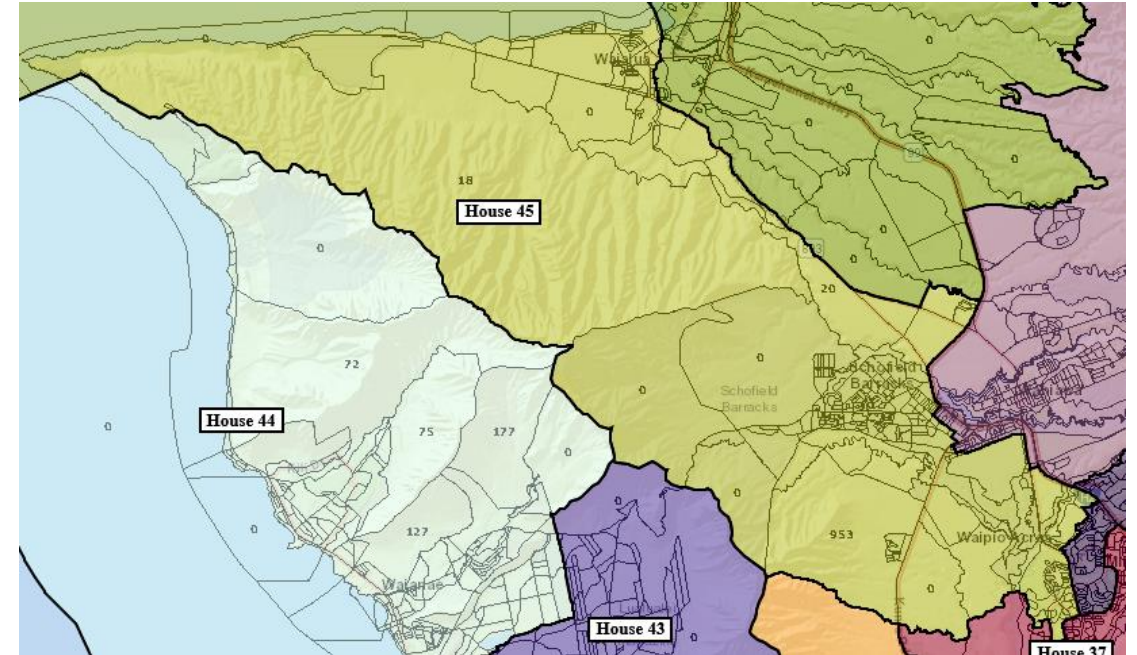


Current Plan 1691

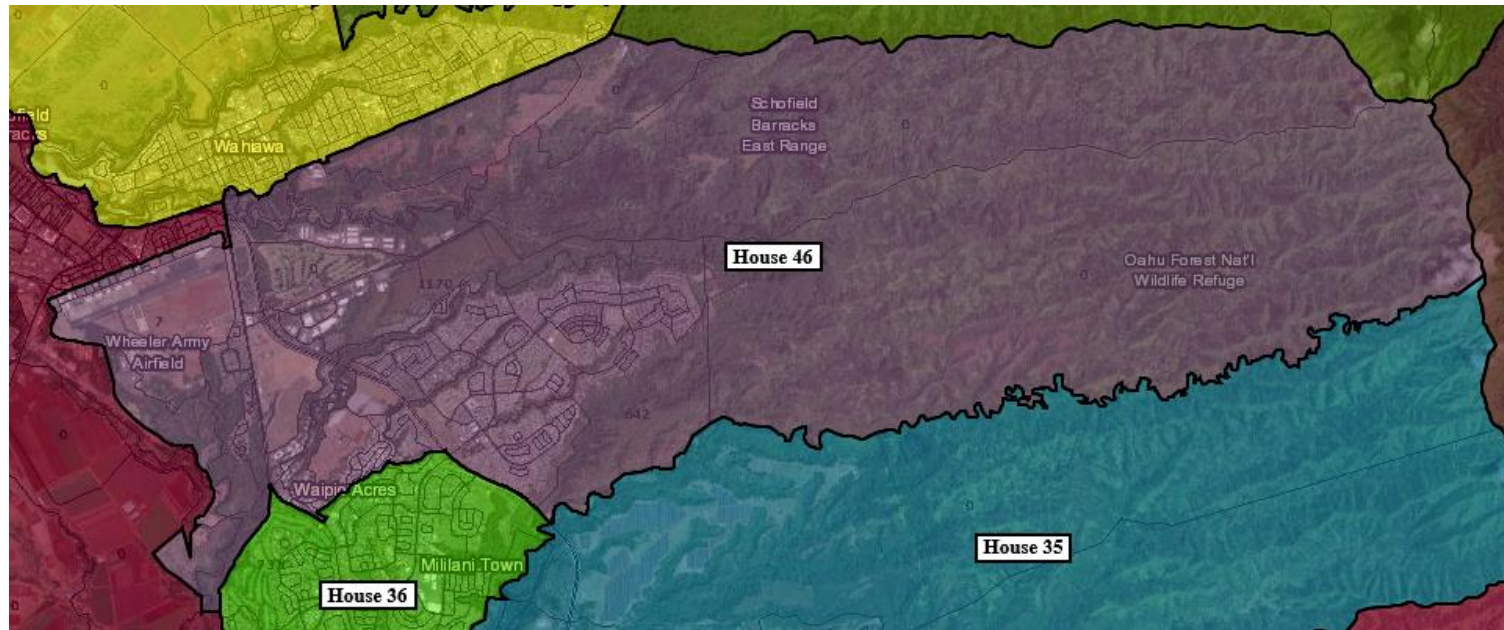




Hicks Plan w/Mililani excursion 78

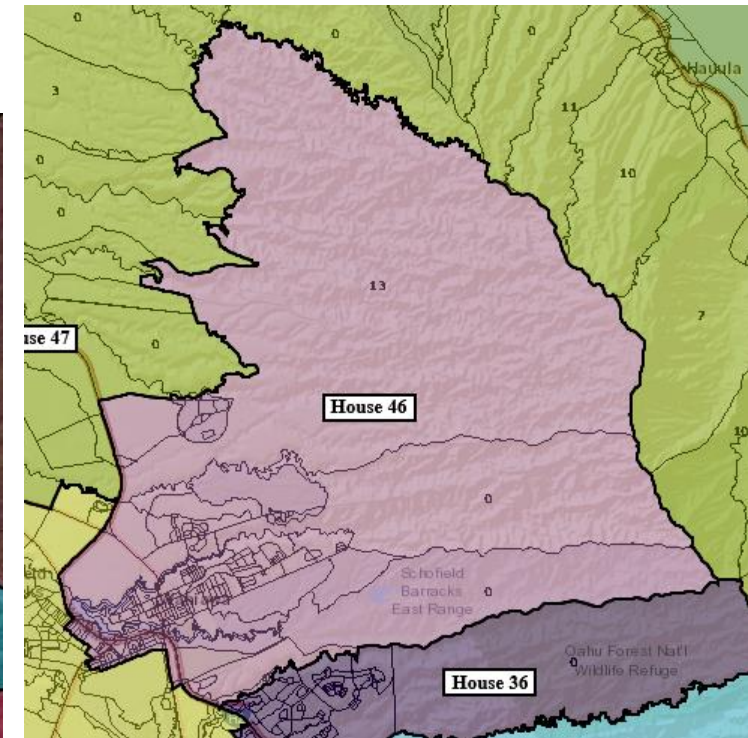


Current Plan -4477



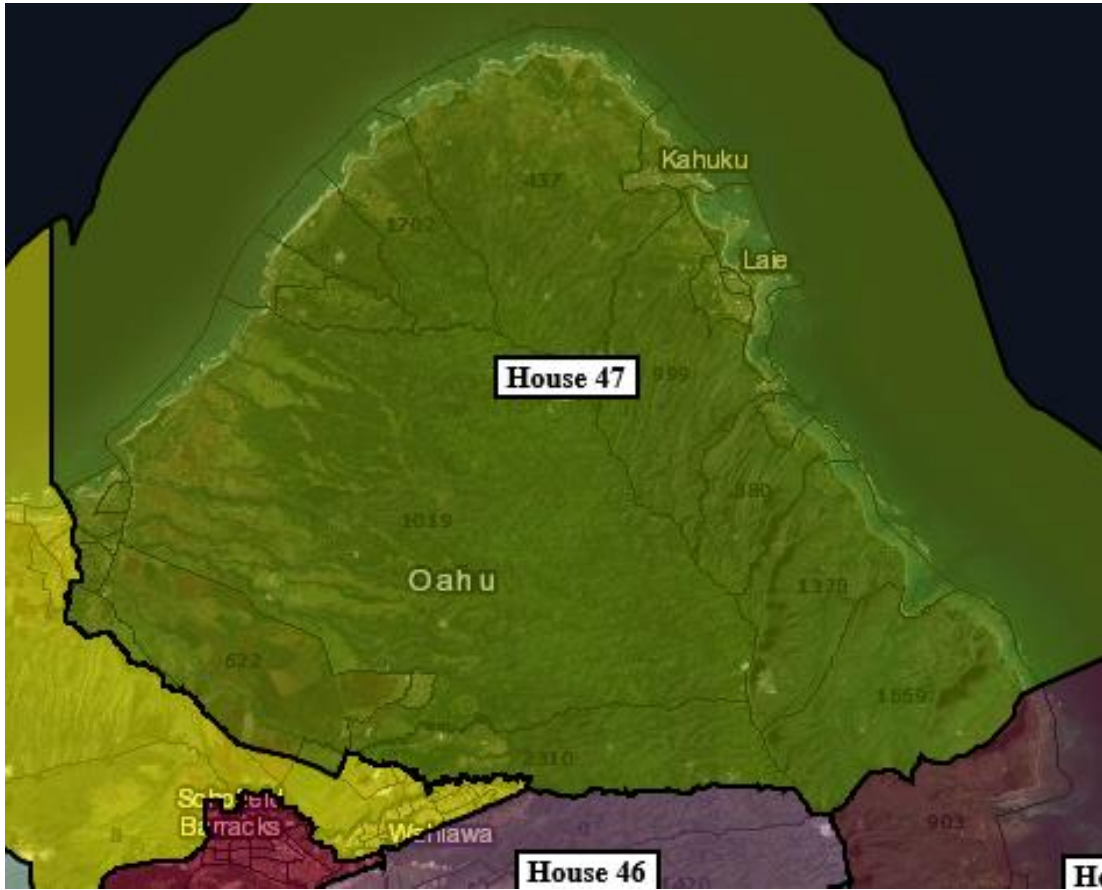
Hicks Plan w/Mililani excursion 123

(HD46 would include all of Mililani Mauka and Waipio Acres.)

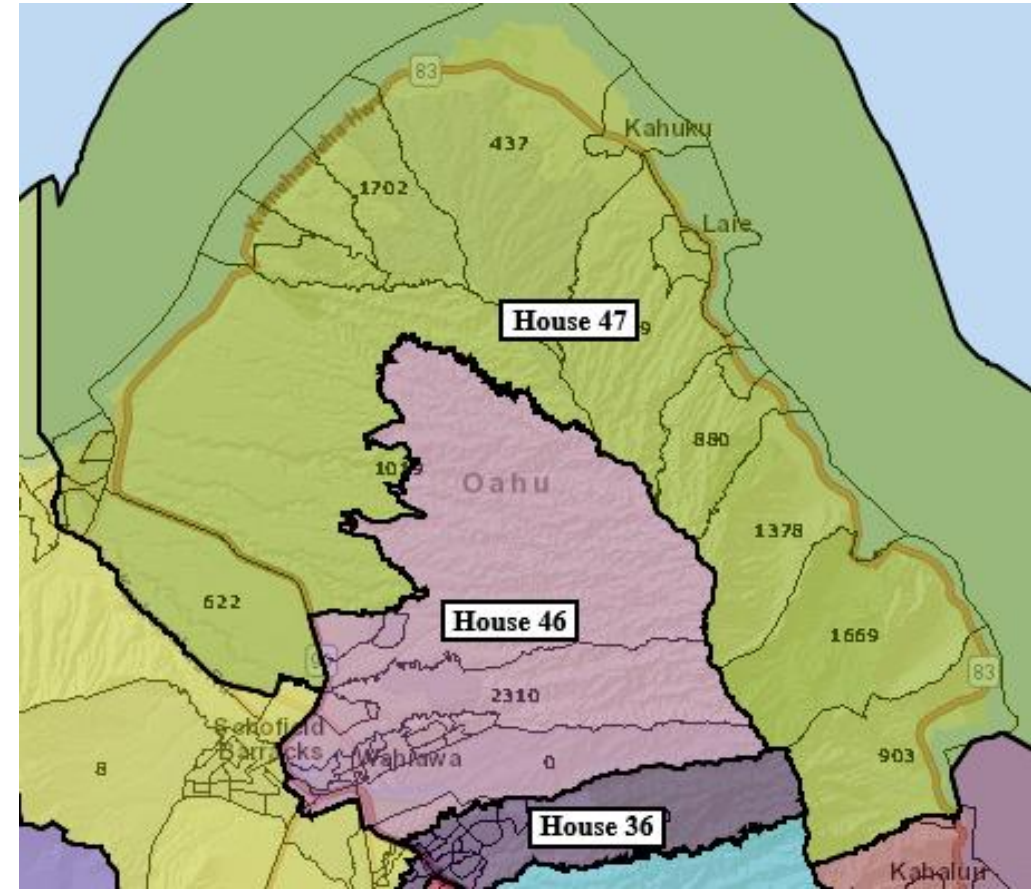


Current Plan 276

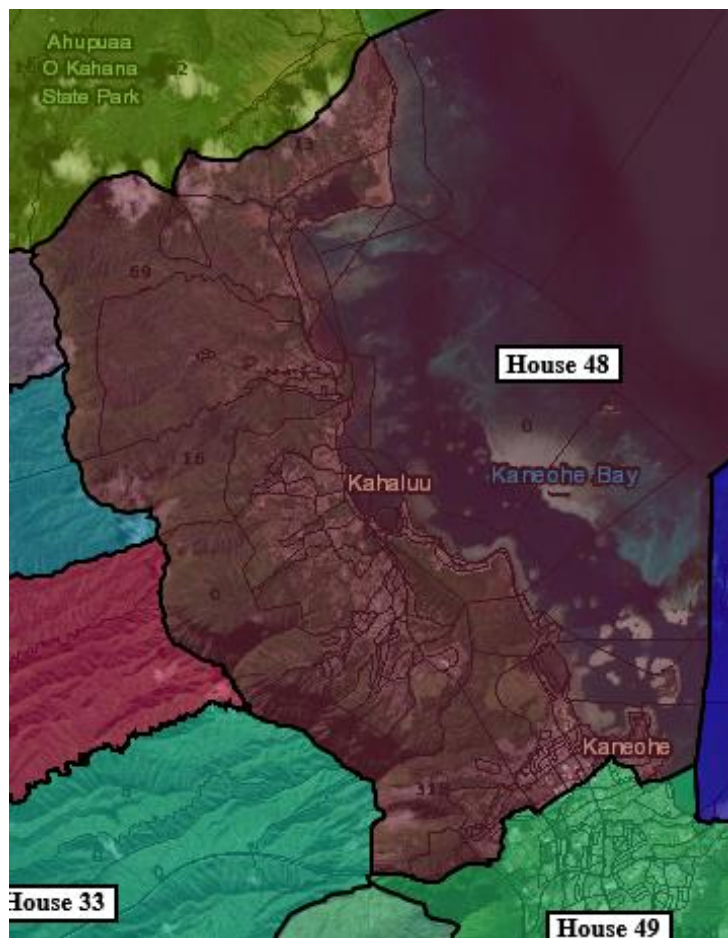




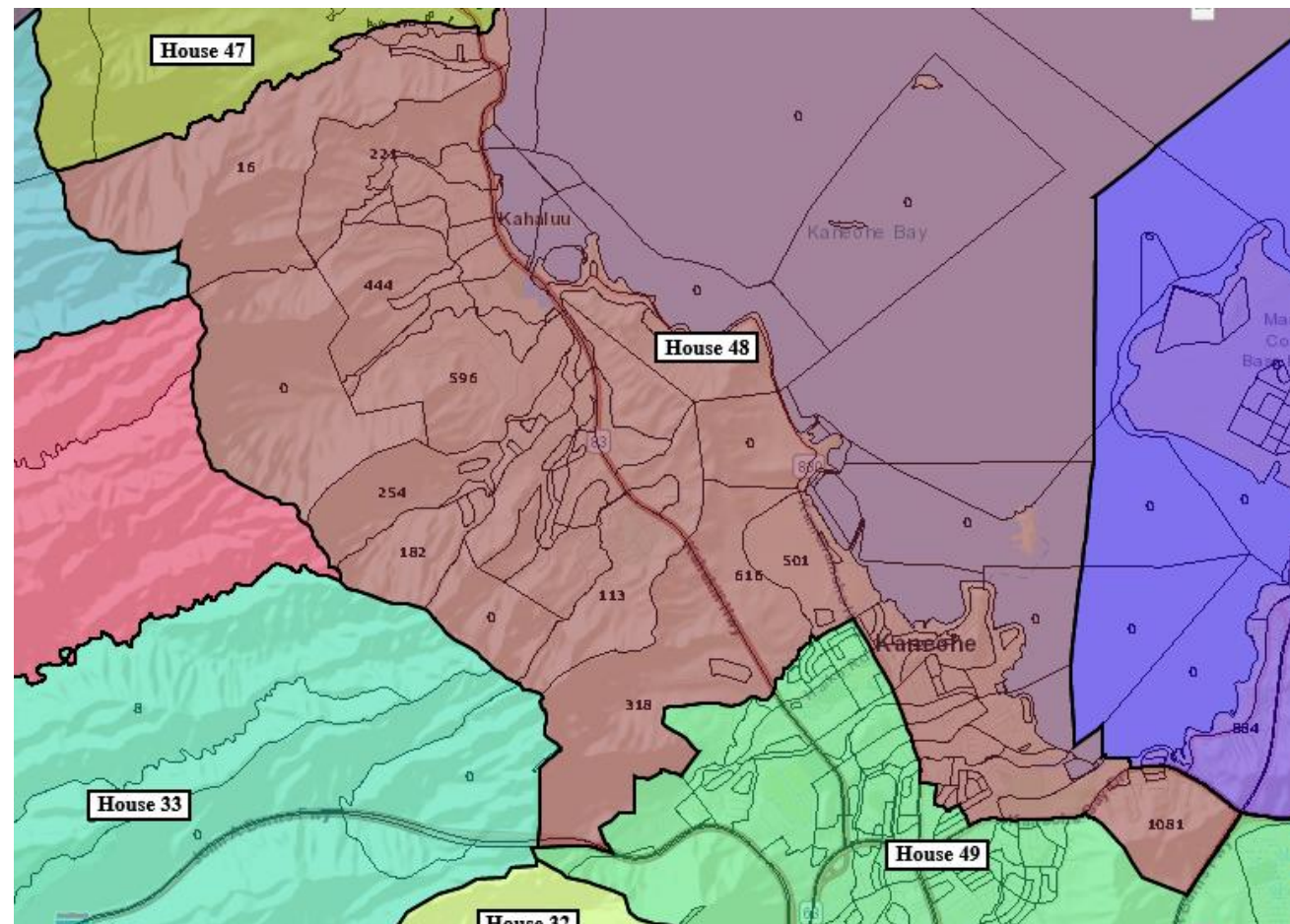
Hicks Plan w/Mililani excursion -257



Current Plan -1499

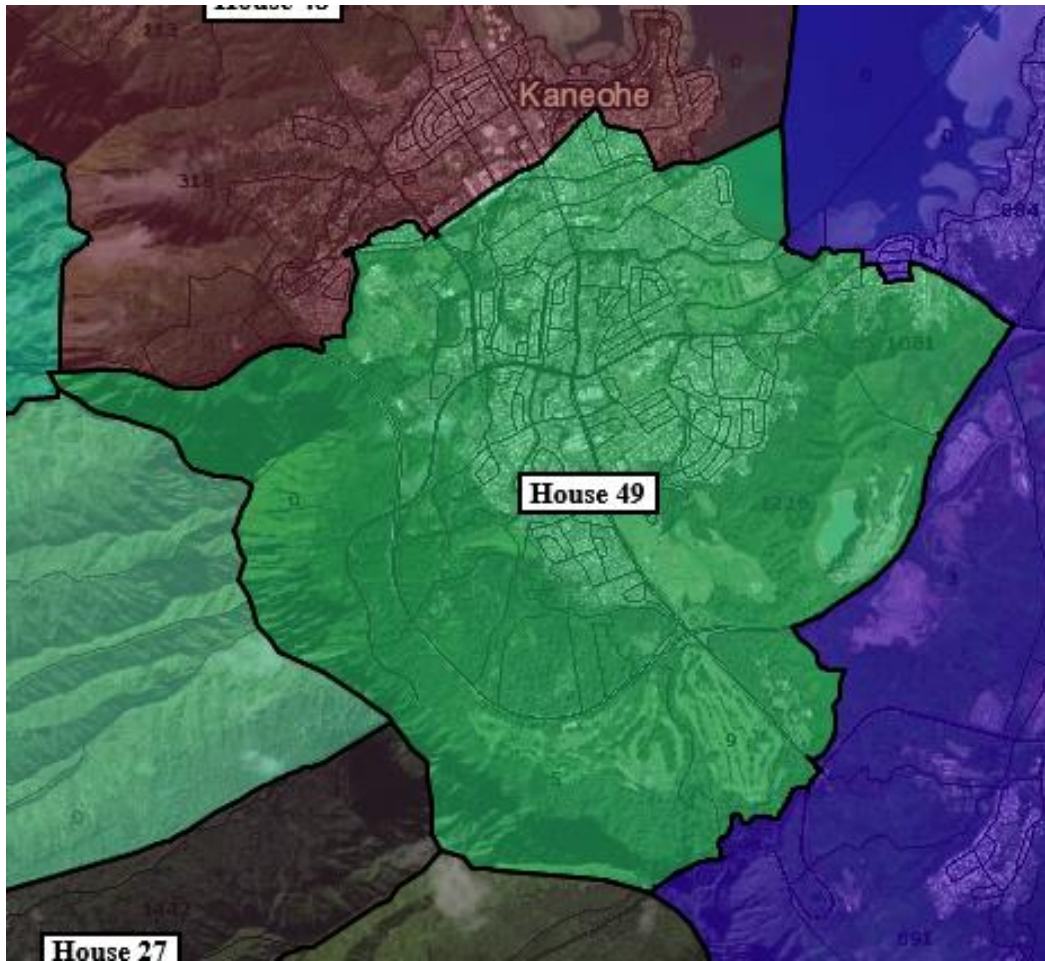


Hicks Plan w/Mililani excursion -62

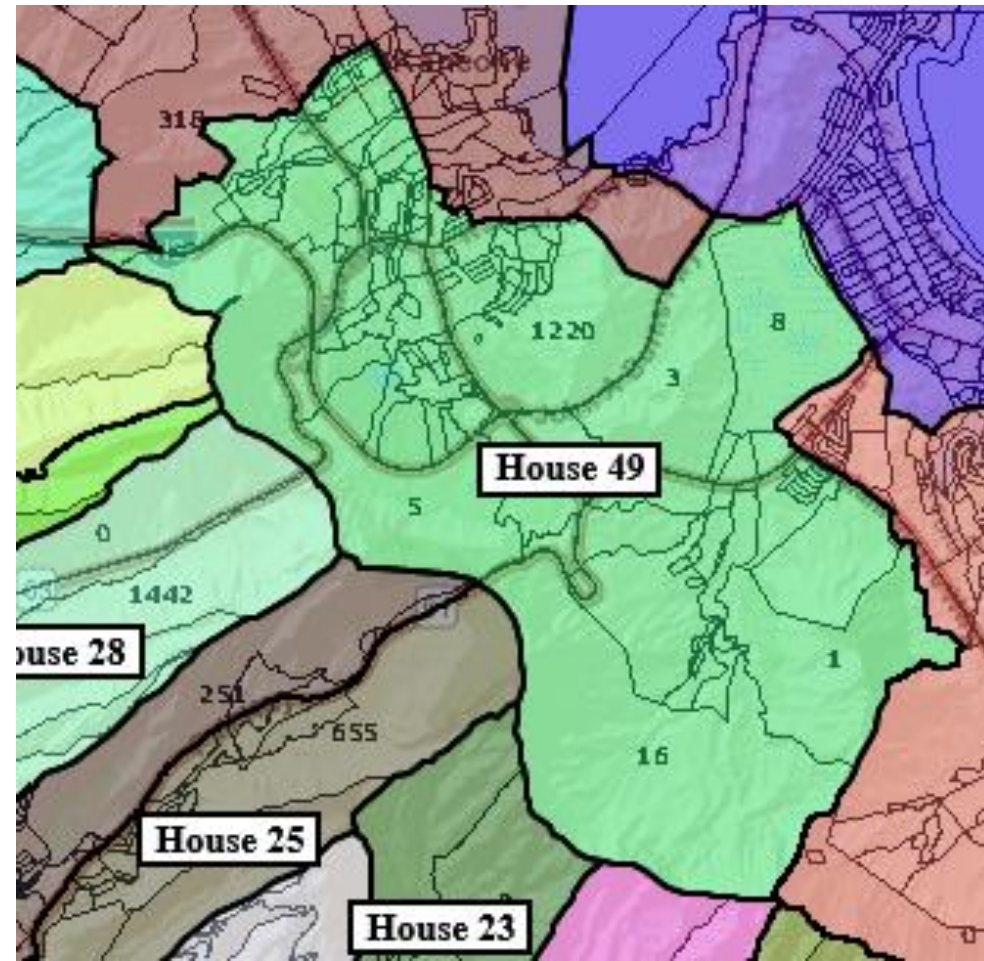


Current Plan 1350

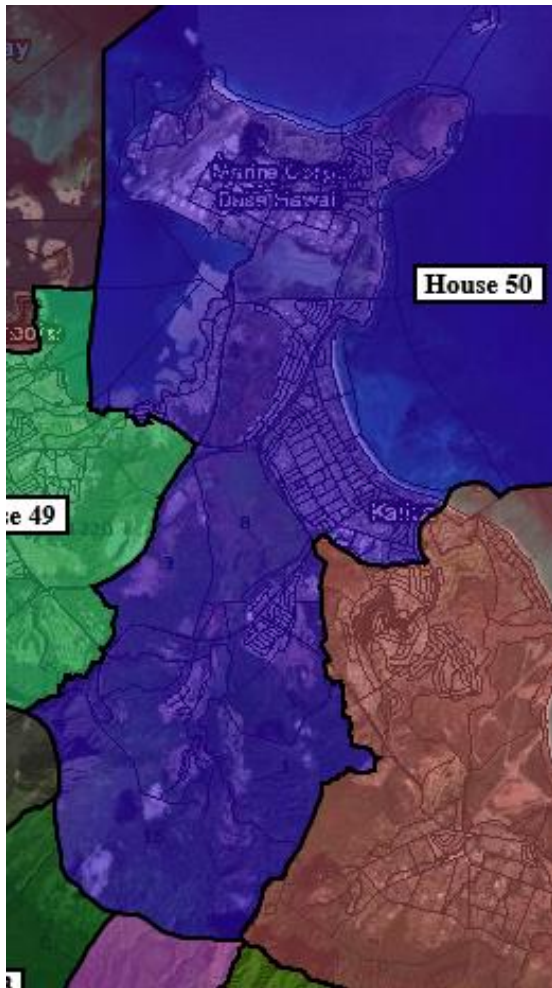




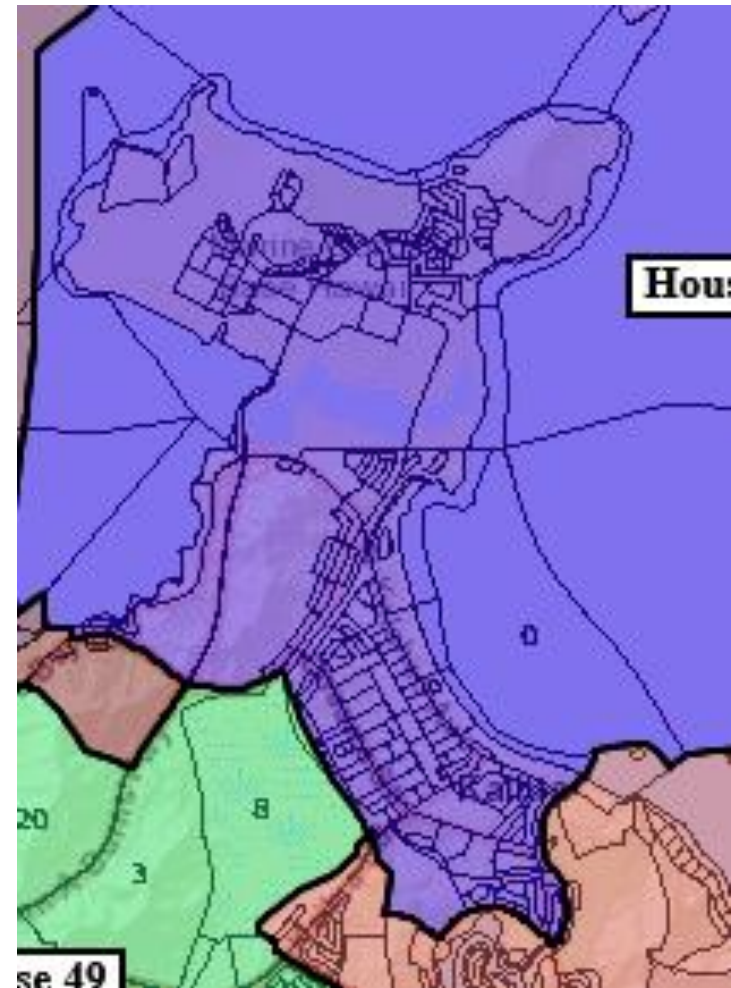
Hicks Plan w/Mililani excursion -241



Current Plan 963

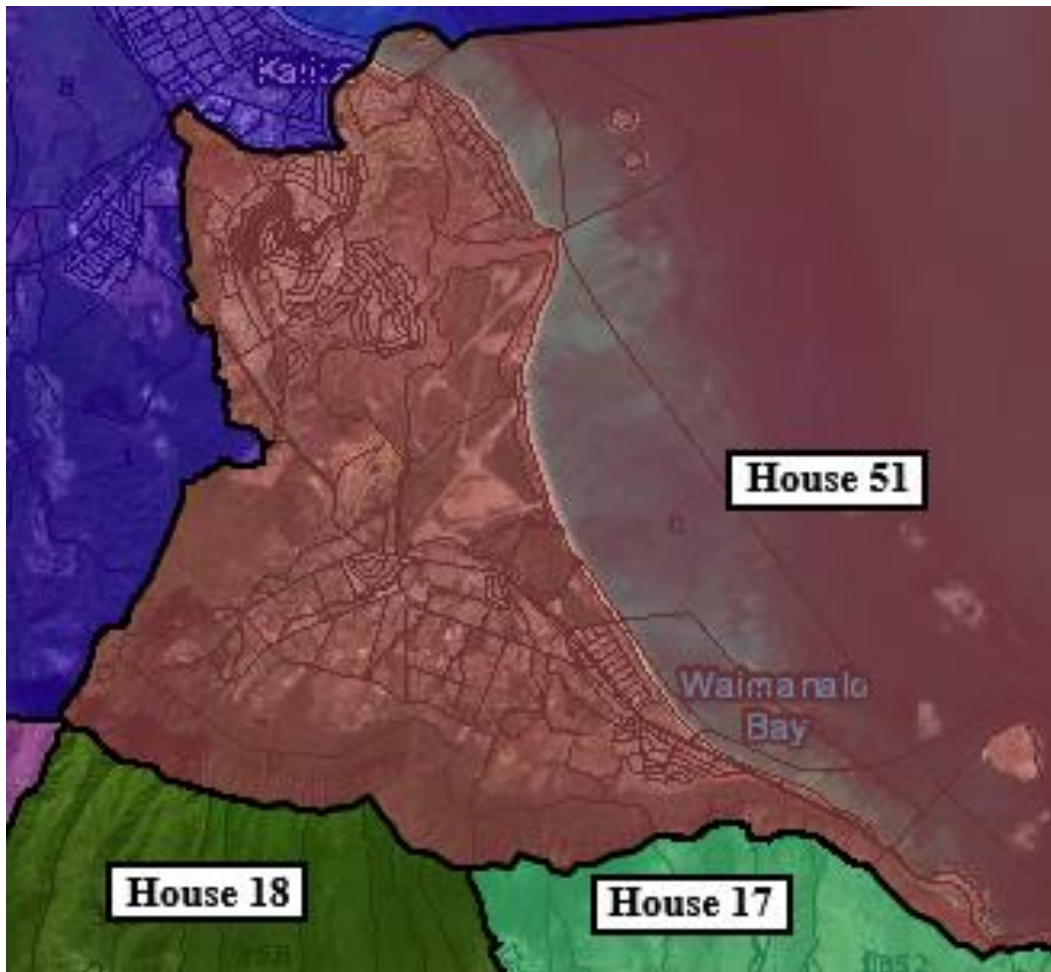


Hicks Plan -337

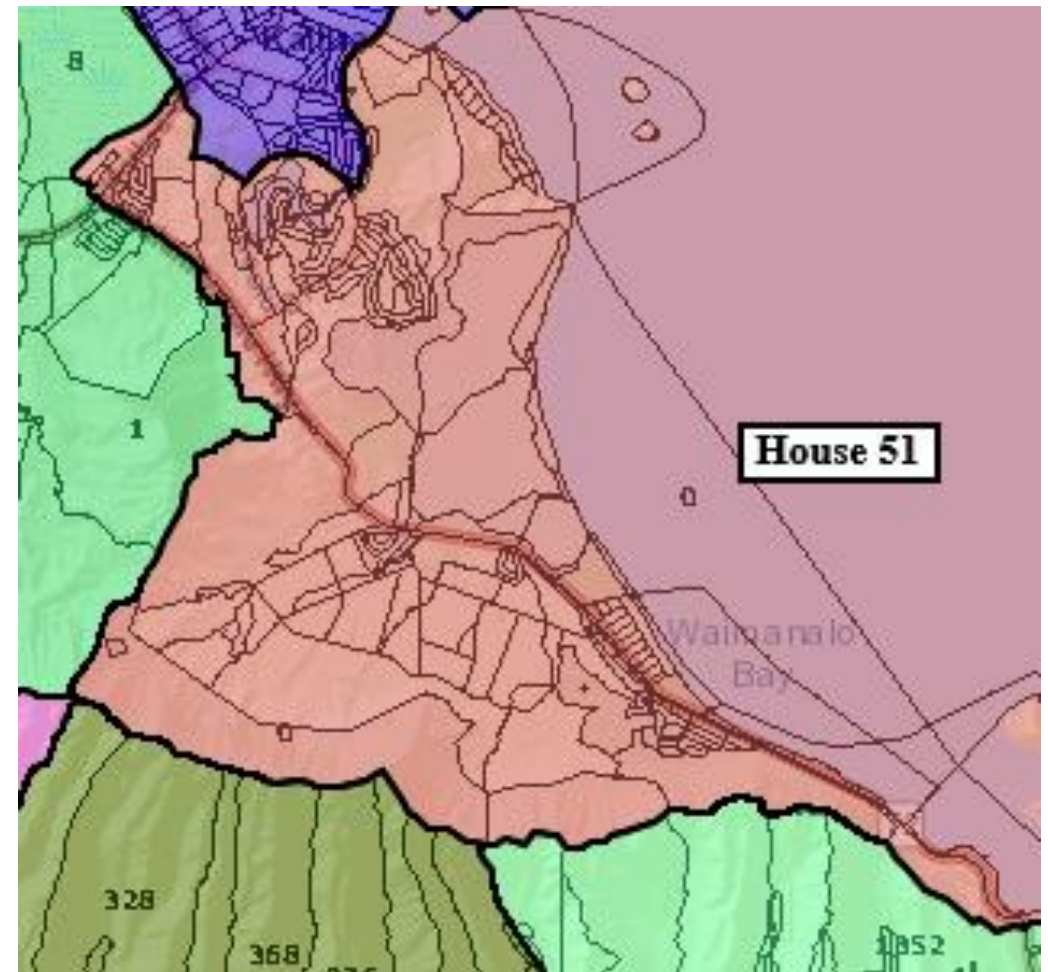


Current Plan -3753





Hicks Plan -193



Current Plan -134

**From:** [Becky Gardner - Policy Matters LLC](#)  
**To:** [OE.Elections.Reapportionment](#)  
**Subject:** [EXTERNAL] Fwd: Oahu Advisory Council 11/1 meeting - revised testimony  
**Date:** Monday, November 1, 2021 12:08:28 PM  
**Attachments:** [Oahu advisory Hawaii Reapportionment testimony 11-1-21 - Becky Gardner.pdf](#)

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----- Forwarded message -----

From: **Rebecca Gardner** <[beckypgardner@icloud.com](mailto:beckypgardner@icloud.com)>  
Date: Mon, Nov 1, 2021 at 12:05 PM  
Subject: Oahu Advisory Council 11/1 meeting - revised testimony  
To: <[polycymattersllc@gmail.com](mailto:polycymattersllc@gmail.com)>

Aloha,

My apologies. I just submitted a word version of my testimony that was not complete. Would you kindly replace that word file with this revised pdf for the 11/1 meeting. Sorry for the inconvenience.

Becky Gardner



November 1, 2021

Policy Matters

An LLC Company



Re: Public Testimony on Oahu Island Advisory Council to the State of Hawaii Reapportionment Commission Meeting November 1, 2021

Aloha, Council Members:

My name is Becky Gardner and I am submitting this testimony on behalf of myself as Principal and Founder of Policy Matters LLC. My comments today are focused on:

- (1) The Commission's Constitutional obligation to ascertain the most accurate population data for the Article IV, Section 4 / Step 1 extraction process;
- (2) The Commission's duty to meaningfully consult with the various county advisory councils;
- (3) The unconstitutional submergence of Native Hawaiian and disempowered socio-economic communities; and
- (4) The disruptions the proposed plans will create to the cohesiveness of the communities in the Kaimuki, Diamond Head, and Kapahulu areas.

#### **The Commission's Constitutional Mandate to Ascertain Most Accurate Population Data**

First, I regret to say that I am not confident that this Commission has done its due, constitutionally-mandated diligence to make the *most accurate* extraction of non-permanent residents from the total state population.

The 2011 Reapportionment Commission committed similar errors, and their work was invalidated in 2011 by the Hawaii State Supreme Court in Solomon v. Abercrombie, 270 P. 3d 1013 (Haw. 2012).

Two very significant points that are clearly iterated in the Solomon decision which is also very relevant today are:

- (1) *Reapportionment is a 2-step **process**. The Reapportionment Commission must **first** in **Step 1** extract Non Permanent Residents (NPRs) to apportion "AMONG" the Basic Island Units; and then **second**, in **Step 2** . (The 2011 RC did not properly separate these two processes); and*
- (2) *Census Block-specific information was **NOT needed for Step1**.*

Two key excerpts from the Solomon decision describe the errors of law that the 2021 Reapportionment Commission is now has committing by its decision and vote to under-extract Hawaii's Non-permanent Resident population, as follows:

- *" The Commission contends that it apportioned the state legislature in accordance with article IV, section 4 because it excluded, from the counties' permanent resident populations, only non-permanent residents **identifiable to particular census blocks**. However, HRS § 25-2(a) requires the Commission to apportion the state legislature on the "basis, method and criteria" prescribed by article IV, which provides, in section 4, for apportionment "using the total number of permanent residents in each of the basic island units."*

*The 1991 Reapportionment Commission used census blocks to identify, count and locate non- permanent residents, but such method of determining the permanent resident population base was not incorporated in article IV, section 4."*

- *"The Commission undertook its reapportionment task by focusing solely on identification of non-permanent residents for step two and using the results for step two to identify the non-permanent resident population for step one."*

Thus, all the redistricting that follows in step 2 under Article IV, Section 6, would be invalid because it is based on inaccurate resident population data.

I encourage this advisory council to ask the Reapportionment Commission to invoke one of many of its many powers granted by statute to better ascertain this data— especially since this issue is so contentious. These powers are outlined in HRS Chapter 25.

For example, **HRS Section 25-3** authorizes this Commission to summon appearances, testimony, and documents – under oath - from anyone it deems necessary. **HRS Section 25-4** outlines the steep penalties for failure to answer questions from the Commission completely and truthfully. It does not appear that the Commission has summoned anyone for this purpose in a public forum.

HRS 25-3 provides in relevant part:

*"§25-3 Powers. The commission may require all such persons as it deems necessary to appear personally and testify before it and to produce to it all books, records, files, papers, maps and documents as shall appear to be necessary for the purpose of formulating a reapportionment plan. The chairperson of the commission or any member thereof acting on behalf of the chairperson shall have power to administer oaths to persons summoned to appear before the commission and such persons may be questioned, under oath, concerning all matters necessary for the due execution of the duties vested in the commission by the Constitution and by this chapter...[.]*

Also, under **HRS Section 25-6**, this Commission has the authority to enlist the cooperation from any state agency. Because of the repeated concerns over the inconsistencies of data from DBEDT and the military, I respectfully request this Commission to ask the military, DBEDT, and the University of Hawaii Social Science Research Institute (SSRI) – from which relevant resident population data was obtained during the 1991 reapportionment, to testify in a public forum as to why DBEDT's population data is inferior to the data set initially provided to you by the military for the purposes of performing the STEP ONE – Article IV Section 4 extraction of non-permanent residents off the top of Hawaii's total population. HRS 25-6 provides in relevant part:

*"§25-6 Cooperation. The commission may request and shall receive from every department, division, board, bureau, commission or other agency of the State cooperation and assistance in the performance of its duties."*

This Commission has tremendous power and authority to execute its duties, but it has not demonstrated to the public that it has invoked any of these powers to resolve concerns. Thus, I respectfully request this Commission ask the military, DBEDT, and the University of Hawaii Social Science Research Institute (UH) testify in a public forum as to why DBEDT's population data is inferior to that provided by the military for the purposes of performing the Step One



### The Commission's Statutory Obligation to Consult with Advisory Councils

Second, under **HRS Section 25-2**, the Commission is mandated to consult with the various county advisory councils. This Commission has moved forward with its vote on the extraction number upon which to base its Step Two process of redistricting before it has received any consul from the advisory councils. I believe this is error as no meaningful consultation has happened on a very foundational and material step in this process.

Apparently, the Advisory Council for Hawaii County had testified in June 2011 before the 2011 Commission. In 2021, this Commission is only hearing Advisory Council testimony in October – and after it had voted on the specifics for extracting non-permanent residents, and after it had placed on the agenda a vote on a district map proposal – matters to which these advisory councils are perhaps most concerned. HRS 25-2 provides in relevant part:

*§25-2 Duties. (a) Legislative reapportionment. The commission shall reapportion the members of each house of the legislature on the basis, method, and criteria prescribed by the Constitution of the United States and article IV of the Hawaii Constitution. Pursuant thereto, the commission **shall** conduct public hearings and **consult with the apportionment advisory council of each basic island unit.** . . [.]*

### Submergence of Native Hawaiian Communities and Public Housing Complexes

Under Article IV Section 6 of the Hawaii Constitution, “Where practicable, submergence of an area in a larger district wherein substantially different socio-economic interests predominate shall be avoided.” Based upon widespread feedback and public outcry, it appears that the Technical Committee’s maps have submerged the Native Hawaiian population in Waimanalo; as well as a public housing complex in Central Oahu. This triggers not only state but also federal constitutional concerns.

#### Proposed Maps’ Disruption to the cohesiveness of the Kaimuki, Diamond Head, and Kapahulu communities.

I have been a member of the Kaimuki Neighborhood Board since 2017, and we currently have two state representatives who report to our board – which seems unusual because the population of a house district (around 50,000 residents) is significantly larger than that of a Neighborhood Board district (approximately 18,000 residents in Kaimuki). These proposed maps would now split our Neighborhood Board map between THREE house districts.

Moreover, the proposed District 18 has a “peninsula”-shaped appendage that cuts into what was formerly District 19, just far enough to include the sitting incumbent, which would put him in a race against the incumbent in District 18.

Such line drawing would seem to be in violation of the Hawaii State Constitution Article IV section 6 to unduly favor a person or political faction.

As for cohesiveness, it has created so many districts and jagged lines in the Kaimuki area, I can probably set foot into 5 different districts in a less than an hour walk. Such a configuration will undoubtedly confuse my community.

Please see my amateur map demonstrating this at the end of my testimony.

Finally, I want to make sure this advisory council has easy access to the following resources, which are key to understanding the missteps of the past and assisting this council in advising the Commission to committing the same in the future.

- (1) Solomon v. Abercrombie, 270 P. 3d 1013 - Haw: Supreme Court 2012; (Solomon)  
[https://scholar.google.com/scholar\\_case?case=4978340749206894654&hl=en&as\\_sdt=6&as\\_vis=1&oi=scholar](https://scholar.google.com/scholar_case?case=4978340749206894654&hl=en&as_sdt=6&as_vis=1&oi=scholar)
- (2) Kostick v. Nago, 960 F. Supp. 2d 1074 - Dist. Court, D. Hawaii 2013; and  
[https://scholar.google.com/scholar\\_case?case=2994657226643299668&hl=en&as\\_sdt=6&as\\_vis=1&oi=scholar](https://scholar.google.com/scholar_case?case=2994657226643299668&hl=en&as_sdt=6&as_vis=1&oi=scholar)
- (3) State of Hawaii 2011 Reapportionment Commission Final Report and Reapportionment Plan  
([https://elections.hawaii.gov/wp-content/uploads/2015/03/2012ReapportionmentFinalReport\\_2012\\_03\\_30.pdf](https://elections.hawaii.gov/wp-content/uploads/2015/03/2012ReapportionmentFinalReport_2012_03_30.pdf))

Thank you for the opportunity to provide this testimony.

Sincerely,



Rebecca (Becky) Gardner, Esq.



