

City of Coconut Creek InterOffice Memorandum

To: City Commission

Date: September 11, 2018

From: Re-Districting Board

Subject: Recommendation of Proposed District Boundaries

At the fourth and final meeting of the Re-Districting Board held on September 11, 2018, upon motion duly made and seconded, we, the members of the 2018 Re-Districting Board voted, by a unanimous vote, to recommend that the City Commission adopt Alternative 4 as the new district boundaries. In order to finalize the redistricting, the City Commission must pass an ordinance to effectuate said district boundaries that will be used for the March 2019 City election.

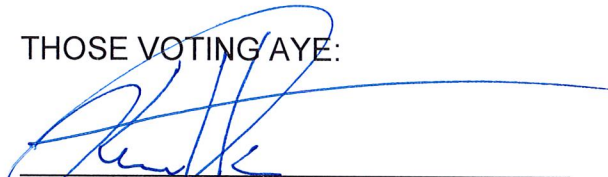
Pursuant to the City Charter, the "Final Consultant Report: Redistricting Alternatives for City of Coconut Redistricting Committee" submitted by Dr. Ronald R. Schultz and James Gammack-Clark, M.A., dated September 11, 2018, attached hereto, demonstrates the need for a redistricting to balance the population data among the five districts as part of the Re-Districting Board's recommendation.

The Re-Districting Board hereby submits the proposed new district boundaries, as depicted in Alternative 4, to the City Commission for its consideration and approval.

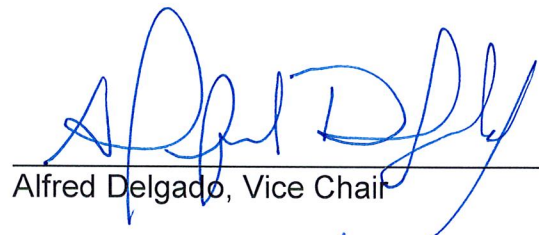
Respectfully submitted,

MEMBERS OF THE RE-DISTRICTING BOARD 2018


THOSE VOTING AYE:



Kevin Haring, Chair



Alfred Delgado, Vice Chair



Gaynell Heastie



Colleen LaPlant



F. Beale Tilton

lwm/mb

Final Consultant Report:
Fourth Meeting of the
City of Coconut Creek
Redistricting Committee

September 11th, 2018

Ronald R. Schultz, Ph.D.
Urban Geographer & Professor Emeritus

James Gammack-Clark, M.A.
Senior Instructor and GIS Professional

Florida Atlantic University

Introduction

This report represents a culmination of the work completed for, and with, the City of Coconut Creek Redistricting Board. On August 28th, 2018, the Redistricting Board adopted as their recommendation to the City Commission, Alternative 4, as presented in the August 21st, 2018 submitted **Consultant Report: Second Meeting of the City of Coconut Creek Redistricting Board**. What follows, highlights the rationale adopted in our analysis, an overview of the present population distribution of the existing districts, and a comparison between those districts and the recommended alternative of the Redistricting Board.

Redistricting Criteria, Data Sources, Population Estimates

The City of Coconut Creek used the following framework or criteria in developing its initial districts and in each of the succeeding redistrictings. These criteria are the standards under which rational districts are developed nationwide and are supported by law and practice throughout the nation.

- 1) Reasonable population equality across districts
- 2) Geographic contiguity and appropriate compactness
- 3) Respect for the integrity of communities of interest, and
- 4) Consideration for the interests of sitting commissioners

The first criterion is of primary importance; the others are significant in guiding decisions in reaching reasonable population balance.

In developing Coconut Creek City Commission districts the spatial units used in composing or building the districts are residential housing subdivisions and US Census blocks and block groups. US Census blocks and block groups are the smallest geographic units used in tabulating and reporting the decennial census.

Subdivisions and census blocks are typically homogeneous in their housing characteristics and thus include households with broadly similar interests. Thus district borders are typically subdivision or block group boundaries or other obvious physical features that define these spatial units.

Population estimates for Coconut Creek were developed for US Census blocks within the city. The methodology and sources of data are detailed in the August 21st Report. The block estimates were tabulated within each of the current districts. The results are presented in Table 2 below (Note: we use

the table numbers and titles from the August 21st, 2018 report to be consistent across the reports).

**Table 2 – City of Coconut Creek
Population Estimates for Existing/Current Districts**

Current Districts	2019 Estimated Population	% of City	Deviation From Average
District A	12,118	20.49	2.43%
District B	11,729	19.83	-0.85%
District C	12,069	20.40	2.02%
District D	12,134	20.51	2.57%
District E	11,099	18.76	-6.18%
Total*	59,150	100	14.06%
Average	11,830	20	2.81%

Note: Population derived from 2016 U.S. Census American Community Survey figures augmented by new housing development over the period 2017 to March 2019.

* Totals may not add precisely due to rounding.

Recommended Redistricting

At the August 28th, 2018 Redistricting Board meeting, the Board unanimously selected Alternative 4 from the four that were developed and presented at the previous meeting of August 21st, 2018. The population balance and spatial configuration of this alternative are presented in the table and map (referenced as Map 10 in the August 21st report) below. The existing/current districts map is also presented here, referenced as Map 1 in the August 21st Report.

**Alternative 4 – City of Coconut Creek
Population Estimates for Revised Districts**

Alternative 4	2019 Estimated Population	% of City	Deviation From Average
District A	12,118	20.49	2.43%
District B	11,729	19.83	-0.85%
District C	11,459	19.37	-3.14%
District D	11,899	20.12	0.58%
District E	11,945	20.19	0.97%
Total*	59,150	100	7.98%
Average	11,830	20	1.60%

Note: Population derived from 2016 U.S. Census American Community Survey figures augmented by new housing development over the period 2017 to March 2019.

* Totals may not add precisely due to rounding.

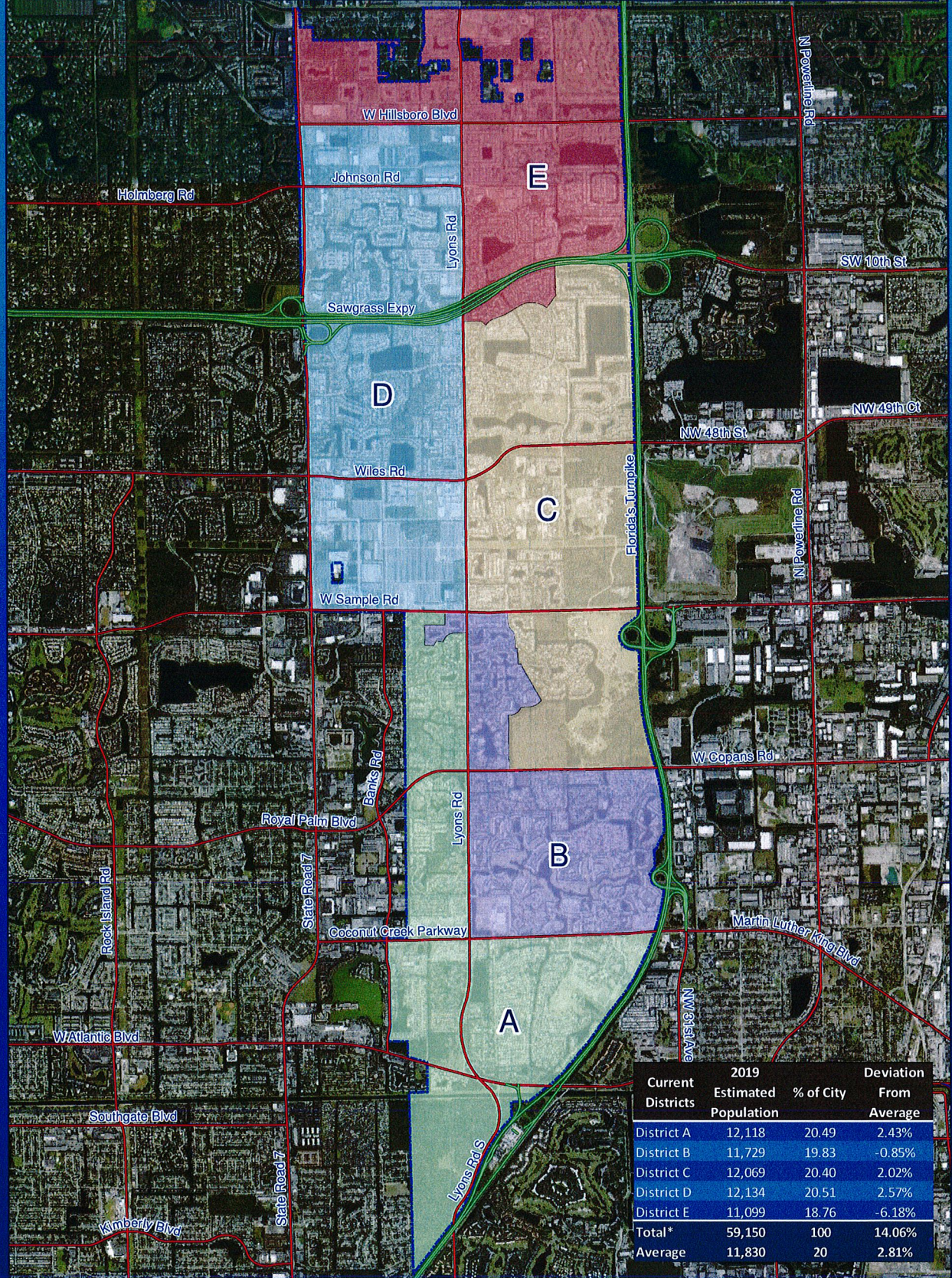
In Alternative 4 recommended by the Redistricting Board, Districts A and B remain geographically unchanged from the existing Districts. Districts C, D, and E have modest boundary adjustments with the goal of restoring reasonable population balance. District E is expanded in two areas. The border between Districts D and E, west of Lyons Road, is moved south from Hillsboro Boulevard to Johnson Road. Additionally, the St. Andrews area immediately south of the Sawgrass Expressway east of Lyons Road is shifted from District C to District E. These changes increase the population balance across the districts (reduce the deviation from the calculated average district population) with only modest change to the geography of the districts.

Summary

The alternative adopted by the Redistricting Board achieves reasonable population balance whilst also making minimal changes to the spatial configuration of the existing districts. Further details on the methodology and all of the alternatives presented to the Redistricting Board, and the ensuing discussions, may be found in the **August 21st, 2018 Consultant Report: Second Meeting of the City of Coconut Creek Redistricting Board** and the minutes of the Redistricting Board meetings.

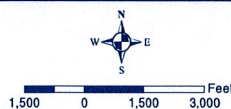
Existing Commission Districts

City of Coconut Creek: September 2018



Current Districts	2019 Estimated Population	% of City	Deviation From Average
District A	12,118	20.49	2.43%
District B	11,729	19.83	-0.85%
District C	12,069	20.40	2.02%
District D	12,134	20.51	2.57%
District E	11,099	18.76	-6.18%
Total*	59,150	100	14.06%
Average	11,830	20	2.81%

Revision Date: 9/11/2018
 Contact: James Gammack-Clark
 Filename: Existing Districts 2018.mxd
 Sources: Census 2010 Redistricting Data;
 U.S. Census Bureau,
 FAU Department of Geosciences



City of Coconut Creek
 4800 West Copans Road
 Coconut Creek, FL 33063
 Phone (954) 973-6770

