

## Map A and B depicting possible city of Orange City Council District Boundaries.

### Introduction

Maps A and B were prepared using the data supplied by City of Orange City staff. In the preparation of map A and B criteria were used to establish the district boundaries. The maps are built on the data collected by city staff and their analysis of population distributions.

### Data

The data used was traffic analysis data (taz) and staff produced estimates for population increases since the 2005 taz data to December 2008. The taz data divides the city into areas and shows population by assigning a number for each block. When the block contains more than one jurisdiction it is divided. These divisions do appear to be an estimate since a few city taz blocks contain population numbers but do not contain actual residences for people to live in. The taz data is widely accepted as a planning tool and acceptable for estimating population. The city staff has conducted an investigation of the data and added estimates they feel confident represent the best available information.

### Criteria

Maps A and B are constructed by using the following criteria.

1. The total data estimates the population of the city to be 10,078.
2. Each district must be within 5 % of the average for district populations. Therefore each district must have a minimum of 1900 persons and no more than 2100 persons and the total of all districts on a given map would be 10,078.
3. Districts boundaries be drawn to provide that as many of the five council members as possible would be living in a single member district. The residences of the Mayor and At large member are not to be considered in the drawing of boundaries.
4. Roads and streets can be used to connect taz blocks of population.

### Maps A and B

Map A provides that members of council from seats 1, 2, and 3 are in single member districts. Council members from seats 4 and 5 live in the same district. Each map shows the numeric break down of data based population in each district.

Population density is a key factor in the relative geographic size of all districts. Some areas of the city have no residences particularly in the Veterans Memorial Blvd. and Saxon Drive areas of the city. Sharing large taz blocks with little or no population was considered in each of these maps.

Criteria 1 and 2 are achieved in maps A and B. Maps A and B provide three districts with one council member living in each, one with two members living in it, and one with none. Due to the location of the residences of Council seats 4 and 5 separation into single member districts was not possible.

Due to the large number of enclaves in the City of Orange City it is absolutely essential to use streets and roads to assemble any map from the data.