



Bondurant, Iowa

Rental Mapping

Completed by ICIGO at the University of Iowa as part of the Iowa Initiative for Sustainable Communities (IISC) 2023-24 partnership with the City of Bondurant.

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Introduction

This map is a visualization of the rental unit data within the city of Bondurant. Each rental property parcel provides useful information into the owner, status, and account number associated with the land.

Data

This project used the rental unit data provided by the City of Bondurant. The excel file contained all of the city's rental units information: ownership, address, status of rental property, etc. The City of Bondurant also provided Polk County parcel data.

Methods

First, the rental unit data was geolocated using ArcGIS Pro's (Arc) Geolocator tool. This tool allows you to insert a table of addresses and returns the real-world location of their points. Once the properties were geolocated, their points were overlaid onto Polk County's parcel data.

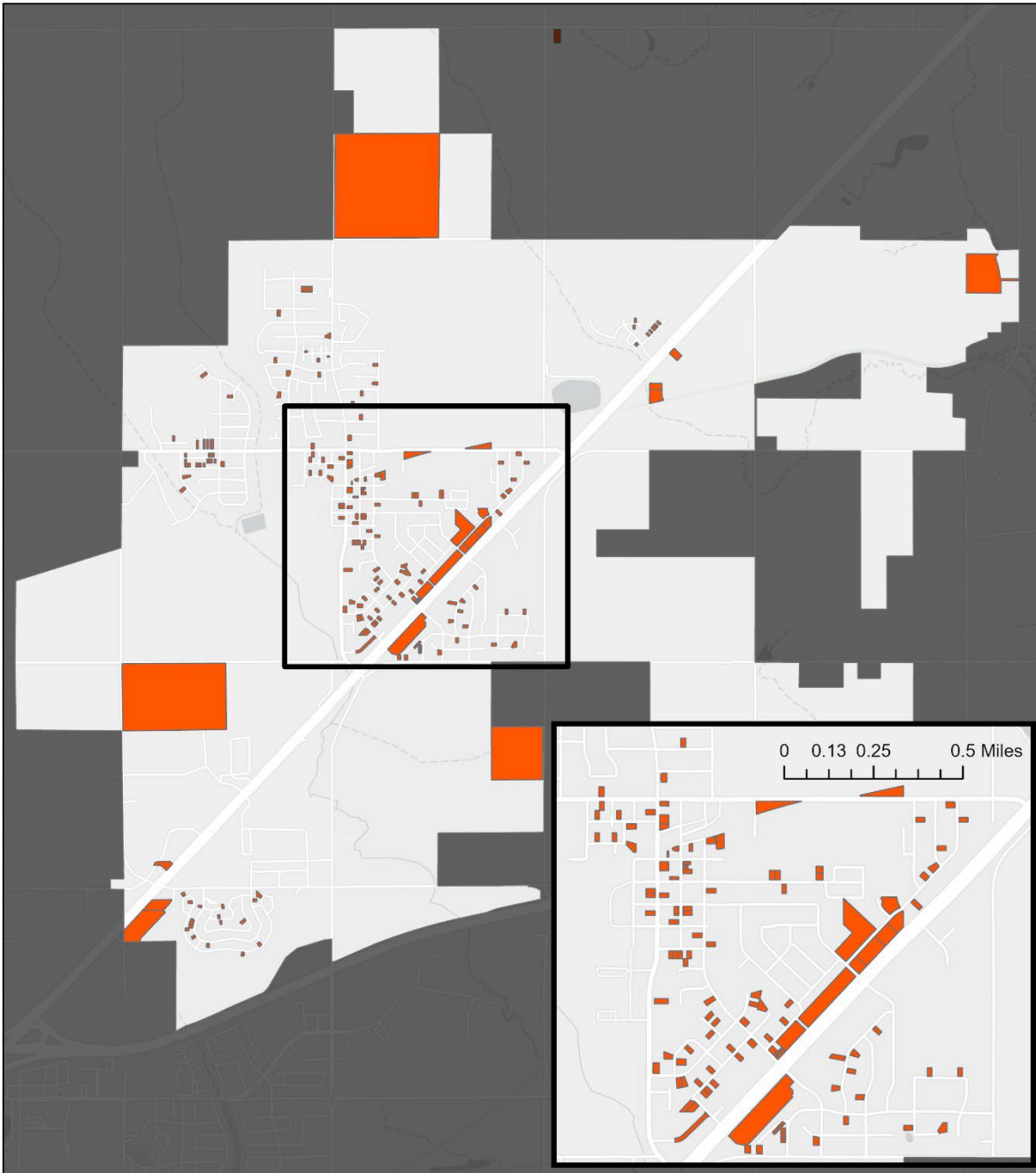
After the data was compiled, rental property parcels were selected using Arc's select-by-location tool. This was done by selecting parcel polygons containing a geolocated rental property point. A new layer was created with these selected rental property parcels.

When the relevant parcels were isolated, the information from the rental unit points were added to each parcel's polygon using Arc's spatial join tool. This was done by joining relevant data from the rental unit data onto each parcel containing that specific point. For example, the polygon associated with parcel number 01-02191 located at 203 Lincoln St SE, Bondurant, IA 50035 also contains information for the property's contact name, IHDE Trust, and their rental status, inactive, among other information.

Deliverable

The product is a static map. (Map 4) There is currently no way to select a normal parcel and label it as a rental unit. If necessary, this can be changed in the future. A project file and geodatabase were provided to City of Bondurant staff.

Bondurant Rental Property Parcels



 Bondurant Rental Properties

0 0.5 1 2 Miles