**Developed and Vacant Acreage**

**Summary**

The purpose of this map is to show the total area in each city grid cell that is either developed or vacant.

**Description**

This map contains the total parcel acreage that is either developed or vacant that is contained within each city grid cell.

**Credits**

The data for this map was collected by the City of San Marcos, Department of GIS.

**ArcGIS Metadata**

**Topics and Keywords**

**Themes or categories of the resource:** Planning Cadastral

**Place Keywords:** San Marcos, city of San Marcos, San Marcos, Texas

**Theme Keywords:** city grid cells, parcels

**Citation**

**Title**  Developed and Vacant Acreage

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**Layers used:** City\_Grid, Parcels

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How?

To calculate the total area developed or vacant, the parcels layer was clipped to the **City\_Grid**. We used the *Vacant* field on the attribute table of **City\_Parcels** layer to determine whether or not a parcel was developed or vacant. If the *Vacant* field for the parcel contained an ‘N’ for No, it was considered developed. The buildings layer was added to the display to verify that these parcels were in fact developed. If the parcel contained one building and the percent developed visually made up less than half of the parcel, it was removed from the developed criteria and marked as undeveloped. In the **City\_Parcels** layer, a PSTAT field was created on the attribute table with a value of 1, indicating the parcel status was developed. The remaining parcels were considered vacant and the PSTAT field was coded as “0,” to indicate that the parcel was undeveloped.

Why?

We calculated the total parcel acreage that is either developed or vacant within each city grid cell to determine which city grid cell had the most developed acreage. These totals were used to calculate percentages of area developed for the wildland-urban interface.

**Metadata Contact**

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