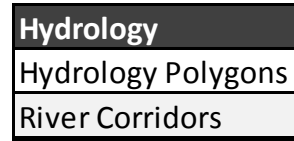


8.3.1.3 HYDROLOGY

Hydrology areas are those that represent the movement, distribution and quality of water, which is paramount not only to preservation, conservation and open space but the quality of life in Durango as well. Analyzed in this category are hydrology polygons and river corridors provided by the city (see **Figure 41**). Hydrology polygons were buffered or expanded 100 feet to include fringe or sensitive areas around the hydrology units.

These areas are represented on the map (**Figure 42**) as a purple shade, being slightly transparent within the comprehensive plan boundary and vastly transparent in the areas outside of the comprehensive plan boundary. These areas were applied to the county parcel data demonstrating those cadastral units with the presence of hydrology. Each parcel with the presence of a hydrology was assigned a value of 1 for the category and highlighted in red (**Figure 43**).



Hydrology
Hydrology Polygons
River Corridors

Figure 41 - Hydrology Layers

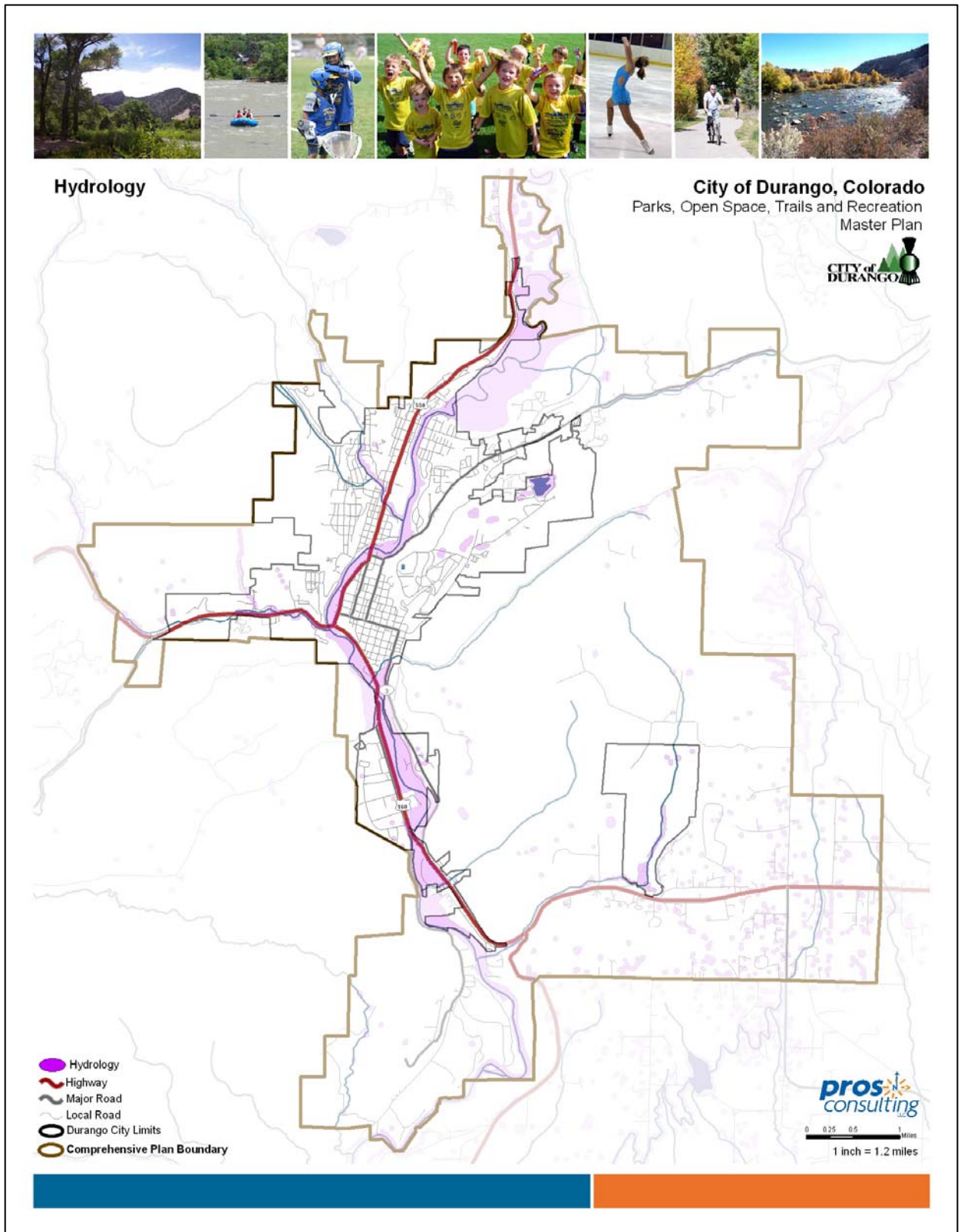


Figure 42 - Hydrology

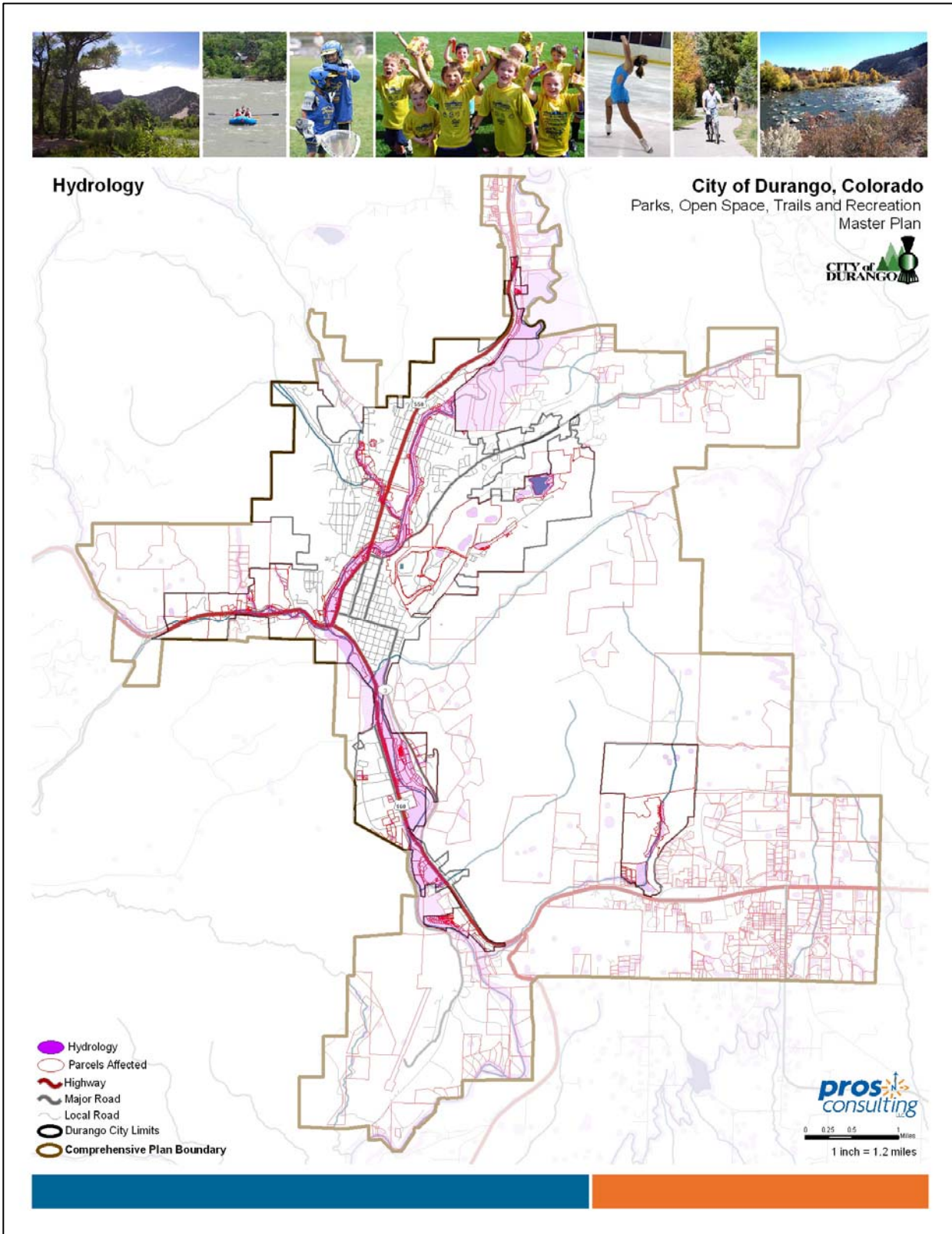


Figure 43 - Parcels with Hydrology

8.3.1.4 EASEMENTS

Conservation easements were utilized by the PROS team to describe areas planned for current and future preservation, conservation and open space. Categories analyzed include wildlife, open space, agricultural, scenic, nature education and watershed easements (see **Figure 44**).

Easements

Conservation Easements 11/02/2007

Figure 44 - Conservation Easement Layer

These areas are represented on the map (**Figure 45**) as a purple shade, being slightly transparent within the comprehensive plan boundary and vastly transparent in the areas outside of the comprehensive plan boundary. These areas were applied to the county parcel data demonstrating those cadastral units with the presence of conservation easements. Each parcel with the presence of an easement was assigned a value of 1 for the category and highlighted in red (**Figure 46**).

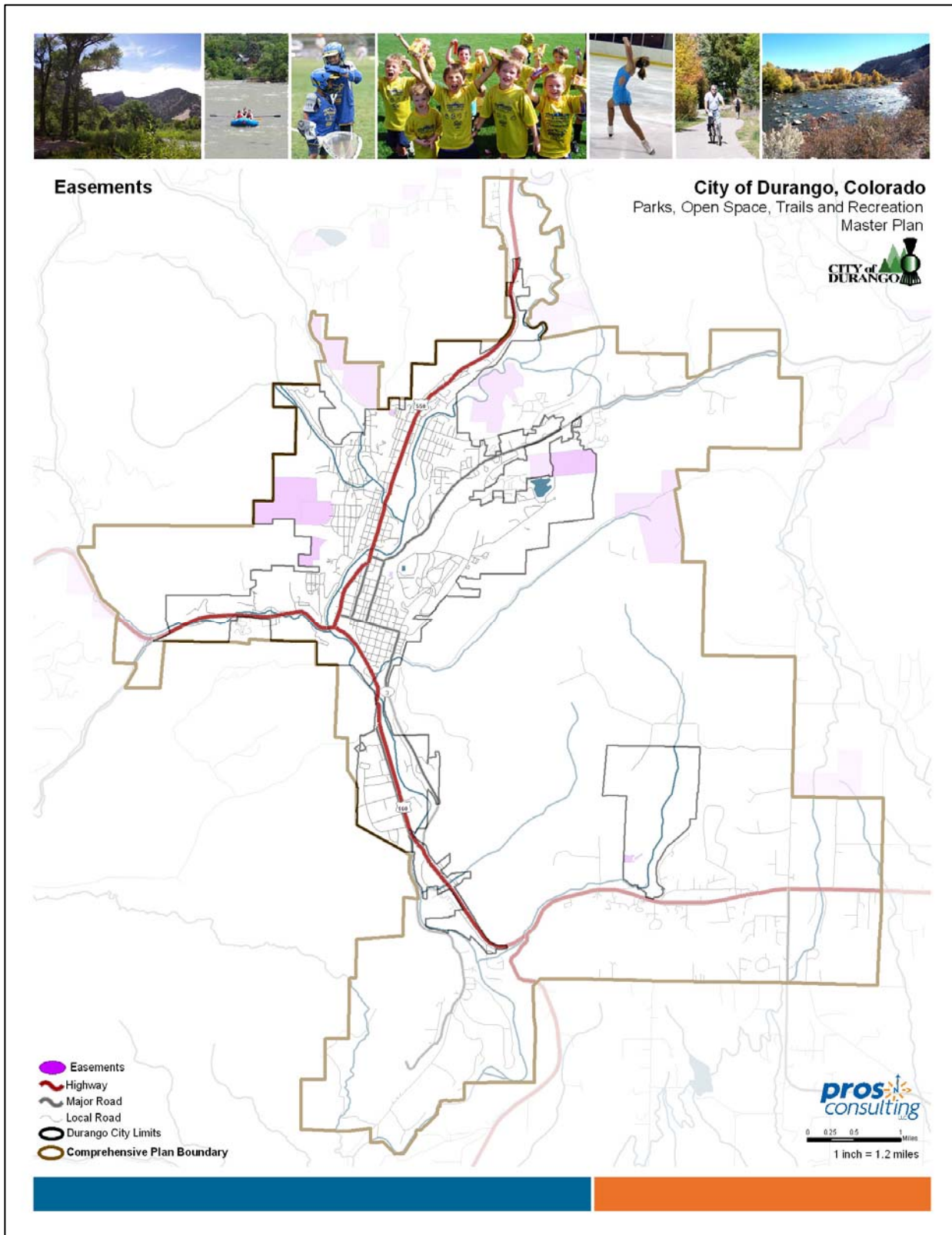


Figure 45 - Conservation Easement Layers



Easements

City of Durango, Colorado
Parks, Open Space, Trails and Recreation
Master Plan

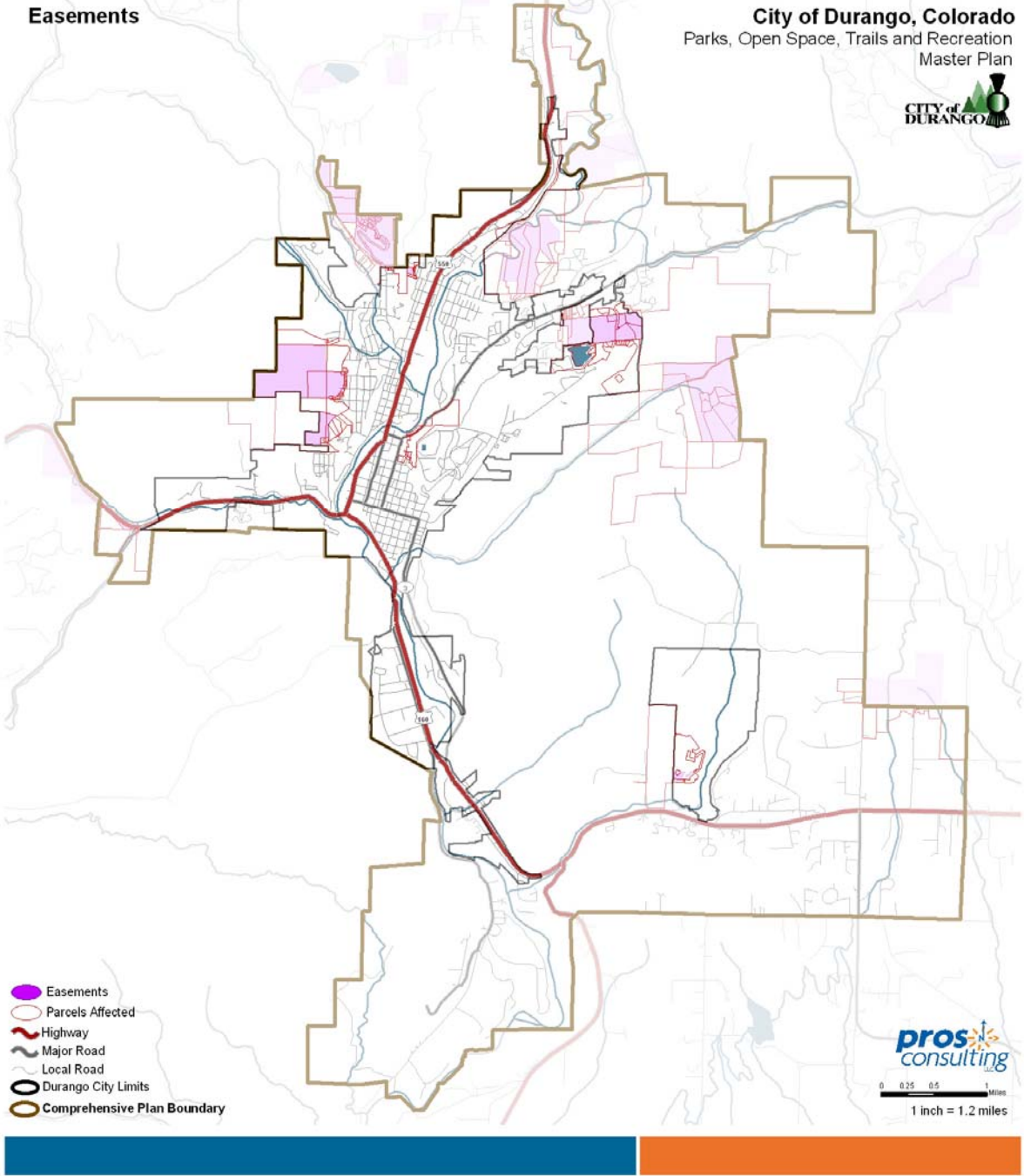


Figure 46 - Parcels with Conservation Easement Layers