

## MANIPULATING RASTER DATA OF BERKELEY, CALIFORNIA IN ARCGIS PRO

MAP 1: TRACED MAP OF ELMWOOD NEIGHBORHOOD, BERKELEY



This traced map shows points of interest from my former neighborhood of Elmwood, Berkeley. My points of interest span a variety of uses and include parks, friends' homes, exercise routes, transit stops, and food and retail. The map also identifies points of interest that felt close even though they were outside defined neighborhood boundaries.

MAP 2: GEOREFERENCED MAP WITH STREET TREES LAYER

I georeferenced my traced map in ArcGIS and added a layer from the City of Berkeley Open Data portal to show the neighborhood street trees. My former neighborhood felt very leafy, an outcome which I can also see in the data layer that shows an abundance of street trees.



MAP 3: GEOREFERENCED MAP WITH ROADS AND POLICE STOPS



This map adds two layers from the City of Berkeley Open Data portal: roads and stops made by the police. The road network was partially pictured by the hand tracing, but it is now filled in. The police stop data appears to show that Elmwood has comparatively fewer stops than the corridor along Telegraph Ave to the north.