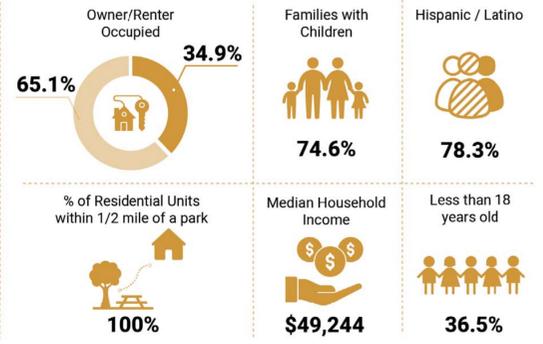
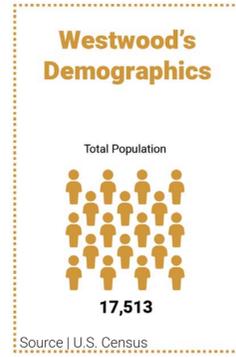


SAFE ROUTES FOR YOUTH

Westwood Neighborhood Denver, CO

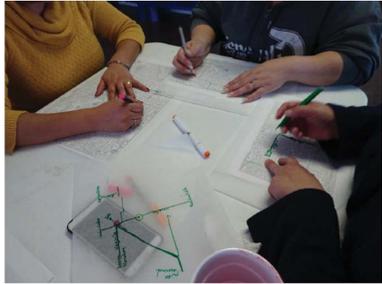
Westwood is a diverse, low-income neighborhood in Denver. One of the most pressing problems for this community is mobility safety, both for pedestrians and bicyclists. Westwood Unidos has as a goal to provide the youth of the neighborhood with safe access to newly improved amenities like parks. Currently, access is limited by the lack of information and knowledge about the safest routes to move around between schools and parks. With the help from the community of Westwood, including kids and their families, the main objective of this project is to identify these safe routes and map them.



STEP 01



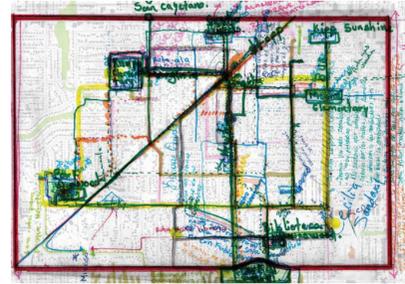
Community Maps



Community Drawing The Safest Routes



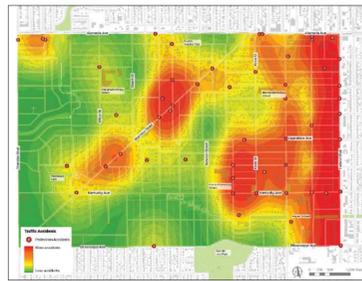
Community Map



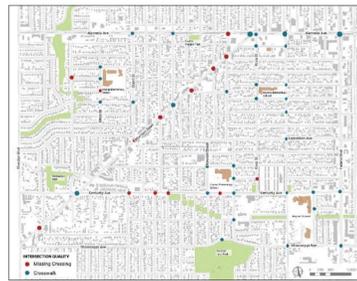
Community Maps Overlaid

The main goal of the community engagement was to gather input from the community on what streets they use to go from their houses to parks and schools around the neighborhood. I held two community meetings, one with parents and one with youth. I collected a total of 24 community maps. The community maps concentrate on the most used routes.

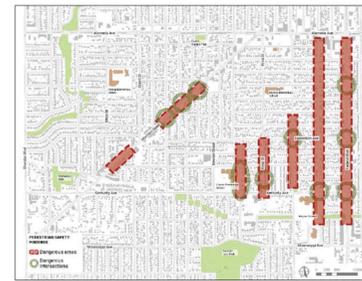
The second source of analysis focuses on data on pedestrian and bicyclists' safety of the area. I analyzed the data through a series of maps. Maps included an evaluation of the number and place of accidents with pedestrians and bicyclists, the amount of traffic on main roads using traffic counts, streets that are adequate for bicycles, and finally, the quality of intersections.



Traffic Accidents Involving Pedestrians



Intersection Quality



Pedestrian Safety Findings

STEP 02

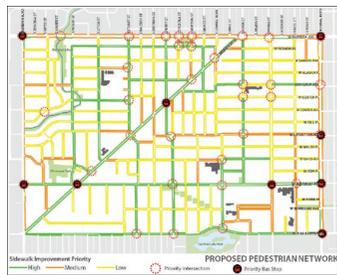
Analysis of Quantitative Data



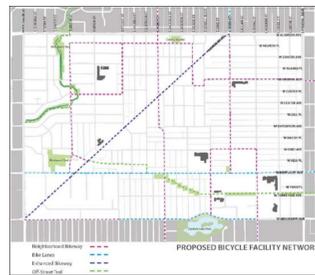
STEP 03



Neighborhood Plan Improvements



Proposed Pedestrian Network
Source | Westwood Neighborhood plan



Proposed Bicycle Facility Network
Source | Westwood Neighborhood plan



Proposed Changes for Morrison Road
Source | Street-scene Implementation Plan Morrison Road

After the analysis and community maps I analyzed the plans that affected mobility for the neighborhood. Those plans include improvements to the mobility network, I analyzed the impact of such projects on the final routes identified from the analysis. Additionally, the new results serve to identify areas that are not addressed by any of the current plans.

By combining the three data sets, I was able to create the final map that presents the safest routes from schools to parks in Westwood. I created one map per school in addition to a map for the entire neighborhood showing the safest route for the community to go between parks and schools. Finally I created a map that shows the areas that need improvements to improve safety.



Castro Elementary School Map



Munroe Elementary School Map



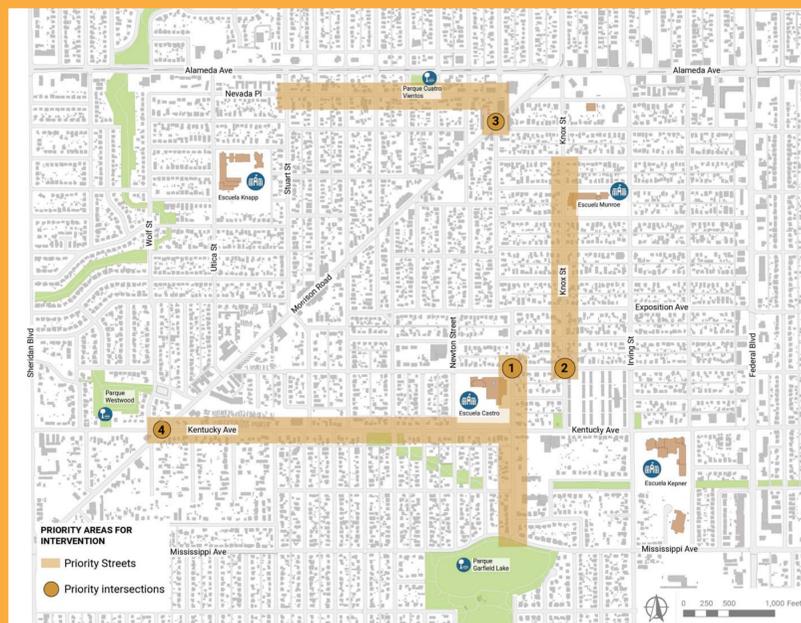
Knapp Elementary School Map

STEP 04

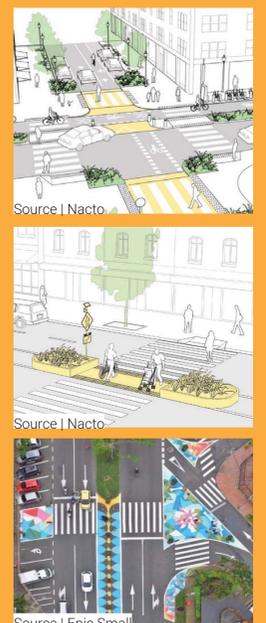
Final Safe Route Maps



Safe Route for The Westwood Neighborhood



Priority Areas For Intervention



Examples of Interventions