

# Expanding Mobility: Big Move 2.2, Equity and Active Transportation

Atena Shad,

Hannah Weinkauff,

Juan Rodriguez Nolasco

SD 381 D100

Group 6

# What is Active Transportation? Why is it important? What is Equity in Transportation?

- Human-directed transportation: walking, biking, rolling (skates, wheelchair), etc..
- Cities planned with high effectiveness in Transportation Land-use Coordination, have higher rates of active and public transportation, better health, more job opportunities, higher quality of living, and less fossil fuel emissions.
- High-quality and accessible, transportation routes that connect to affordable day-to-day services and job opportunities.

# How do we know if equity increases with the Expansion and Improvement of Walking, Rolling and Biking Networks?

Pre and post analysis in two ways:

1. Conduct simple random sample surveys.
  - a. Is it easy to do your daily activities by walking and/or cycling?
  - b. If walking and cycling routes were your only options for travel, would you be able to continue living the way you want?
  - c. Is it possible to do all the activities you prefer simply by walking and/or cycling?
  - d. Is accessing your preferred activities satisfying through walking/cycling?
2. Statistical analysis to identify areas of potential inequities and measure improvements.
  - a. Gini coefficient.
  - b. Lorenz curve.
  - c. Metrics: Incomes, Job Density, Population Density etc.