
Equity In Public Transportation Technology

Mark T. Koerner

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Introduction

- Technology provides greater efficiency, accessibility and convenience in public transportation.
- The creation of new technologies also risks exacerbating existing disparities in access to transportation services in disadvantaged communities.

Equity in Public Transportation

- What is it?
- Equity v Equal.

What Laws Govern

- Title VI of the Civil Rights Act of 1964;
- Executive Order 19898;
- Executive Order 13985;

Title VI of the Civil Rights Act

- Title VI, 42 U.S.C. 2000d et seq. was enacted as part of the Civil Rights Act of 1964.
 - Provides that: “no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which the recipient receives Federal Assistance from the Department of Transportation.”

Executive Order 12898

- Federal Actions to Address Environmental Justice in Minority Populations and Low-income Populations (1994).
 - Federal agencies must address disproportionately high and adverse human health or environmental effects, including interrelated social and economic effects on minority or low-income populations.

Executive Order 13985

- Advancing Racial Equity and Support for Underserved Communities Through the Federal Government (2021).
 - States: “the Federal Government should pursue a comprehensive approach to advancing equity for all, including people of color and others who have been historically underserved, marginalized, and adversely affected by persistent poverty and inequity. Affirmatively advancing equity, civil rights, racial justice, and equal opportunity is the responsibility of the whole of our Government.”

What Are The Disparities

Access Disparities

- Geography based disparities.
- Last-mile connectivity.

Affordability Issues

- Cost barriers.
- Infrastructure costs.

Digital Literacy Disparities

- Digital divide.
- Accessibility features.

Data Privacy and Surveillance

- Data collection.
- Surveillance technologies.

Environmental Justice

- Identifying and addressing disproportionately high and adverse effects of programs, policies and activities on minority and low-income communities.

Solutions

- Community engagement.
- Equitable access.
- Digital inclusion.
- Privacy protections.
- Environmental equity.

Questions?

Contact Information

Mark T. Koerner

mkoerner@fosterswift.com

517.371.8226

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