Title VI, EJ, and TJ . . . “Oh my!”
Putting it all together

Transportation Justice

- Title VI
- Environmental Justice
- Mobility Challenged (formerly: Transportation Justice)
Transportation Justice & Title VI Report

- Update to 2013 EJ/Title VI Report and 2015 TJ Report
- Satisfy all requirements (and hopefully requests, too!)
- New analyses -- particularly around multimodal connectivity
- More streamlined
  - Less project justification
  - Fewer background statistics
- Guided by working group
Transportation Justice & Title VI Report

- Executive Summary
- Background

- Part 1: Environmental Justice
  - Introduction, spatial analysis, public participation
  - Title VI Plan Summary – full plan in Appendix

- Part 2: Mobility Challenged
  - Introduction, spatial analysis, public participation

- Summary of Recommendations
Public Opinion Survey

- Telephone survey sample of 600 residents
  - Reflective of population
  - Stronger demographic quotas now in place

- Opinions of transportation system and policy

- Revamped in 2017 for the 2050 Regional Transportation Plan
Transportation sometimes keeps me from activities

- Under $25K: 47%
- $25K to $50K: 20%
- $50K to $100K: 18%
- More than $100K: 9%
Transportation sometimes keeps me from activities

- WHITE: 14%
- BLACK: 20%
- HISPANIC: 16%
Transportation sometimes keeps me from activities

- Zero Car: 54%
- Disabled: 30%
- Overall Average: 17%
- Seniors W/O Disability: 16%
- Seniors W/ Disability: 16%
Public Opinion Survey

I have heard of WILMAPCO

- Under $25K: 10%
- $25K to $50K: 19%
- $50K to $100K: 29%
- More than $100K: 43%
Public Opinion Survey

I have heard of WILMAPCO

- White: 38%
- Hispanic: 18%
- Black: 19%
Public Opinion Survey

Improving bus service “very important”

- WHITE: 48%
- HISPANIC: 50%
- BLACK: 73%
Needs of bicyclists “not at all” meet

- **UNDER $25K**: 22%
- **WHITE**: 27%
- **MORE THAN $100K**: 34%
- **BLACK**: 40%
- **HISPANIC**: 43%
Spatial Analysis
New EJ Area Definitions

- Use latest available data: 2012-2016 American Community Survey (ACS)

- Census block group level analysis. Locate **heaviest concentrations** of EJ groups. Work to ID other areas not captured by ACS.

- Tweak methodology
  - More inclusive for places home to high percentages of low income or minority groups only (not in combination)
EJ NEIGHBORHOODS*
WILMAPCO Region
2019 Transportation Justice Report

* EJ Neighborhoods are concentrations of low-income and minority populations, based on data from the 2012-16 American Community Survey. Neighborhoods in the City of Newark are disqualified from being EJ areas, per a decision by the WILMAPCO Council. Heavy student presence inflates the city’s poverty levels.
Planned EJ Analysis

- Multi-modal connectivity analysis – low-wage employment, grocery stores, libraries, hospitals, senior centers vs. EJ areas (UD analysis)
- Food desert bus connectivity to supermarkets
- Location efficiency (CNT); travel time
- Health impacts (via Policy Map and SDOH)
- TIP project equity
- Public bus affordability
- Crash rates
- SLR exposure
CONNECTIVITY ANALYSES
WILMAPCO Region
2015 Transportation Justice Report
Planned EJ Analysis

Poverty
Education
Minority
Employment
Home ownership
Length of residence
Single parent HH
Food deserts

Social Determinants of Health (SDOH)
WILMAPCO Region

Note: The methodology presented here was originally developed as part of the local transportation project prioritization process associated with the Route 9 Corridor Master Plan. It provides a working indication of SDOH at the regional scale.

Potential Public Health Concern
- 12 to 16 (highest concern)
- 8 to 12
- 3 to 8
- 1 to 3
- 0 (least concern)

Select block groups are labeled with their scores. The following criteria were used in scoring:
- High poverty rates
- Low high school graduation rates
- High minority population
- Low employment rates
- Low homeownership rates
- Recency median age household moved in
- High percentage of single-parent households
- USDA food desert status

Block groups within food deserts received 5 points. For all other criteria, block groups above the regional median received 1 point, and those in the top 16 received 3 points.

New MC Area Definitions

- Use latest available data: 2012-2016 American Community Survey (ACS)

- Census block group level analysis. Work to ID other areas not captured by ACS.

- Tweak methodology
  - High percentages of groups only (not in combination) become at least a moderate area
  - Very high percentage of households without vehicles needed to become significant area
MC Neighborhoods* WILMAPCO Region 2019 Transportation Justice Report DRAFT

*MC Neighborhoods are concentrations of seniors, people with disabilities, and households without an automobile based on data from the 2012-2016 American Community Survey, and the 2010 Census.
Planned MC Analysis

- Multi-modal connectivity analysis – low-wage employment, grocery stores, libraries, hospitals, senior centers vs. MC areas (UD analysis)
- Location efficiency (CNT)
- Health impacts (via Policy Map and SDOH)
- Crash rates
- ARCCA public transit analysis
- ARCCA pedestrian analysis
Public Participation
LEP Clusters Definitions

- Use latest available data: 2012-2016 American Community Survey
- Census block group level analysis
- Tweak methodology
  - More stringent
  - Screen for dominant non-English language
LEP Clusters*  
WILMAPCO Region  
2019 Transportation Justice Report  

*Limited English Proficient (LEP) clusters are contiguous census block groups where the percentage of the population over 5 years of age who speak English less than "very well" greatly exceeds the regional average. LEP clusters are then screened by noting the heavy presence of Hispanics and/or Asians within them, which allow for their further classification as "Spanish language dominate," "Asian language dominate," or a mixture of the two. Data: 2012 - 2016 American Community Survey and the 2010 Census.
LL Clusters*

WILMAPCO Region

2019 Transportation Justice Report

*D Low Literacy (LL) clusters are contiguous census block groups where the percentage of the population over 25 years of age with less than a 9th grade education greatly exceeds the regional average. Data: 2012 - 2016 American Community Survey and the 2010 Census.
Timeline

- Analysis to proceed through Spring 2019 with draft by Summer 2019
- Will follow on the heels of the 2050 RTP
- Projected Council endorsement in November 2019
EXTRA SLIDES
What is Title VI?

- **Civil Rights Act**
  - Discriminatory Statute (*race, color, national origin*)
  - Regulatory requirements
  - Enforceable in court

- **Differing FTA/FHWA Interpretations**
  - *Race, color, national origin*, sex, age, disability, low-income, and limited English proficiency

- **General MPO Requirements**
  - Title VI Policies/Program
  - Demographic and mobility analyses
What is Environmental Justice?

- Executive and DOT Orders
  - Disparate impacts to low income and minority persons
  - Not enforceable in court

- Requirement 1: Fair Treatment
  - No group should bear a disproportionate share of transportation's benefits or burdens

- Requirement 2: Meaningful Involvement
  - Facilitate involvement of those affected by proposed actions/polices
What is Transportation Justice?

- WILMAPCO—extension of EJ
  - Mobility needs of seniors, people with disabilities and households without vehicles

- Our analysis: connectivity and accessibility analyses; public engagement needs

- Re-classify as “Mobility Challenged”
New EJ Area Definitions

**MODERATE – 3 paths**

1. Poverty greater than the regional average, and
   - NH Blacks 3x the regional average, or
   - Hispanics 3x the regional average, or
   - NH Asians 3x the regional average

2. Racial/ethnic minorities 2x the regional average

3. Poverty 2x the regional average

**SIGNIFICANT - 3 paths**

1. Poverty 2x greater than the regional average, and
   - NH Blacks 3x the regional average, or
   - Hispanics 3x the regional average, or
   - NH Asians 3x the regional average

2. Racial/ethnic minorities 90% or more the block group’s population

3. Poverty 3x the regional average
LL Area Definitions

LL CLUSTER

1. Percentage of the population over 25 with less than a 9th grade education exceeds 3x the regional average

   • PLUS - adjoining block groups with a percentage of the population over 25 with less than a 9th grade education exceeding 2x the regional average
New LEP Area Definitions

LEP CLUSTER

1. Percentage of the population over 5 who speak English less than “Very Well” exceeds 3x the regional average

   • PLUS - adjoining block groups with a percentage of the population over 5 who speak English less than “Very Well” exceeding 2x the regional average

LANGUAGE SCREEN

• Spanish (high % of Hispanics)
• Asian (high % of Asian)
• Spanish/Asian mixture (high % of both Hispanic and Asian)
New MC Area Definitions

**MODERATE – 4 paths**

1. Households without vehicles greater than 2x the regional average, and
   • Disabled greater than the regional average, or
   • Seniors greater than the regional average, or
2. Households without vehicles greater than 3x the regional average
3. Disabled greater than 3x the regional average
4. Seniors greater than 3x the regional average

**SIGNIFICANT**

1. Households without vehicles greater than 3x the regional average, and
   • Disabled greater than the regional average, or
   • Seniors greater than the regional average, or
EJ NEIGHBORHOODS*

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2019 Transportation Justice Report

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