



# Blue Line Extension HIA

## TRANSPORTATION

The Blue Line Extension is constructed adding transit options, land use changes, and station area improvements.

### POPULATION

#### Students Living ON Campus

- Next to UNCC Main Station
- Across from JW Clay Blvd. Station
- In future housing
- In housing away from stations

#### Students Living NEAR Campus

- North Tryon St.
- University City Blvd.
- East Mallard Creek Church Rd.
- East WT Harris Blvd.

#### OFF-CAMPUS Commuters

- Graduate Students
- Undergraduate Students
- Faculty
- Staff

#### NON-UNCC Commuters

- Drivers
- Blue Line Commuters
- Bus Commuters
- Walkers
- Bicyclists

### INTERMEDIATE IMPACTS/SITUATIONAL CHANGES

#### Additional foot traffic coming and going from stations

- Noise
- Potential for Collisions (pedestrian/bicyclists/driver)
- Safety from Crime
- Physical Activity (walking or biking to/from transit)

#### Fewer vehicles on campus as people take transit instead

- Less Air Pollution
- Changes in Speed of remaining vehicles
- Potential for Collisions (pedestrian/bicyclist/driver)

#### Increased educational, professional, and entertainment opportunities off-campus for students

- Short-term and long-term increase in Disposable Income (fiscal access to health-promoting resources)
- Learning Opportunities and Feelings of Accomplishment
- Increased Access to Healthy (parks, movies, concerts) and Unhealthy (bars, parties) Entertainment Opportunities

#### People use new and improved biking and walking accommodations (sidewalks, bike lanes, greenways, bike parking, etc.)

- Increased Physical Activity
- Safety/ Potential for Collisions
- Exposure to Air Pollution

#### People change mode of transportation: transit instead of drive, light rail instead of bus, or light rail instead of active transportation

- Disposable Income (fiscal access to health-promoting resources)
- Physical Activity
- Safety from Crime
- Potential for Collisions (pedestrian/bicyclist/driver)
- Exposure to Air Pollution

### POTENTIAL HEALTH IMPACTS

#### MENTAL HEALTH IMPACTS

- Ability to Sleep
- Ability to Study/Cognitive Functioning
- Stress/ Depression/Anxiety
- Intentional Injury/Crime
- Social Isolation/Cohesion
- Self-Esteem

#### ENVIRONMENTAL HEALTH IMPACTS

- Perception of Safety/Security
- Unintentional Injury
- Mobility- Especially for people with disabilities

#### PHYSICAL HEALTH IMPACTS

- Activity from Walking/Biking
- Respiratory Disease/Asthma
- Likelihood of Chronic Diseases
- Alcohol Consumption
- Healthy Food Consumption
- Weight Management