

## Alternatives to be considered:

- Alternative 1 (no build)
- Alternative 5A (10 lanes)
- Alternative 6A (5A + 4 lane freight corridor)
- Alternative 6B (6A + zero emissions)
- Alternatives 6C (tolling of freight corridor)
- Alternatives 6D (tolling of freight corridor and general purpose lanes)

## Time boundaries:

- Consider 2035 impacts only (other analysis covering construction impacts)

## Geographic boundaries:

- Vary by issue area (e.g., AQ vs noise vs jobs)

In addition to the general population, the following vulnerable populations will be considered:

- Age (0-5; 6-17; 65+)
- Race/ethnicity (African American; Hispanic; non-English speakers)
- Income (poverty; 200% of poverty)
- Pre-existing conditions (asthma; cardiovascular disease; diabetes)

EIR has all necessary data

EIR has most necessary data

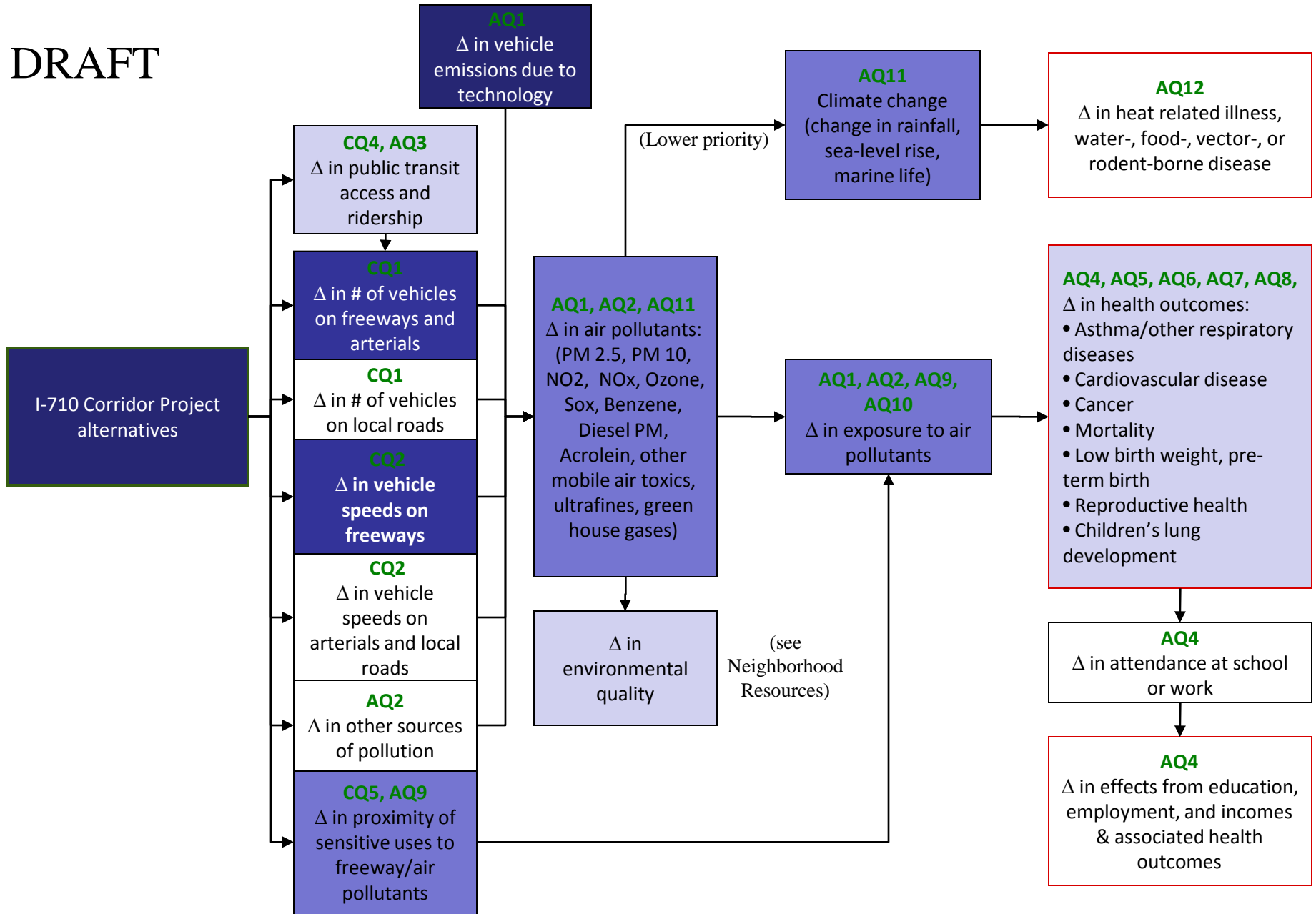
EIR has some necessary data

EIR does not have necessary data

# 1. Air Quality Effects

August 11, 2011 – Advisory Roundtable

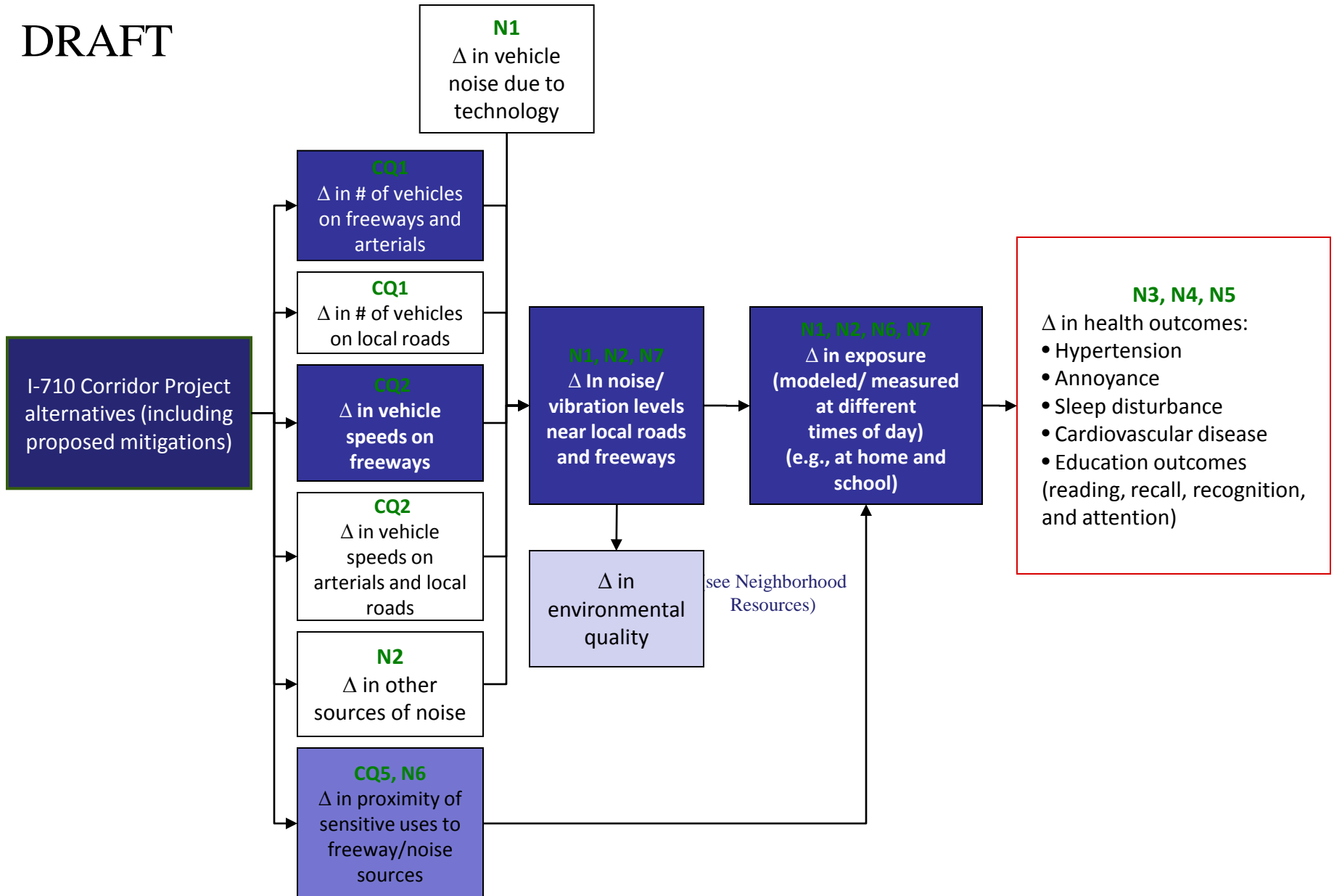
DRAFT



## 2. Noise Effects

August 11, 2011 – Advisory Roundtable

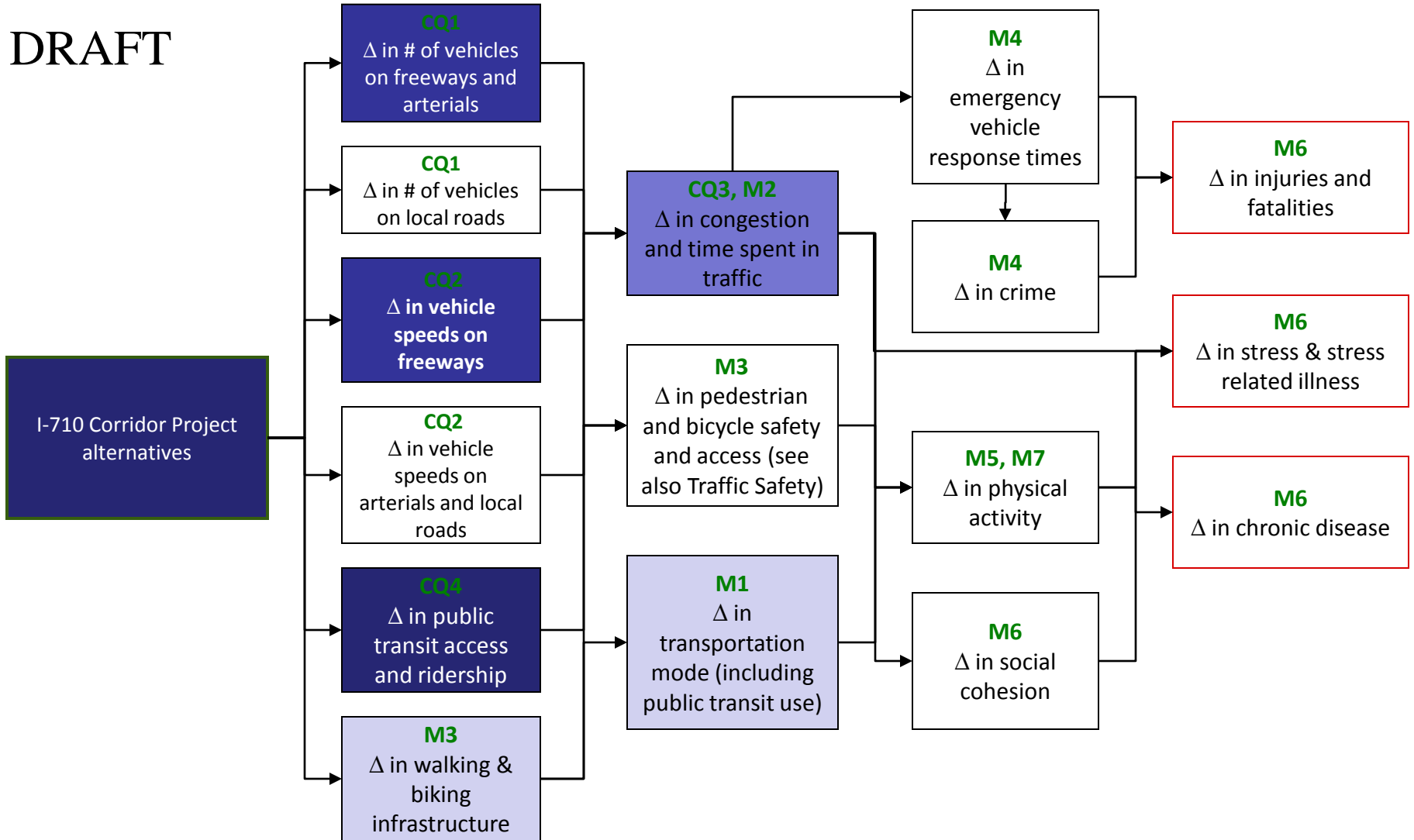
DRAFT



# 3. Mobility Effects

August 11, 2011 – Advisory Roundtable

DRAFT

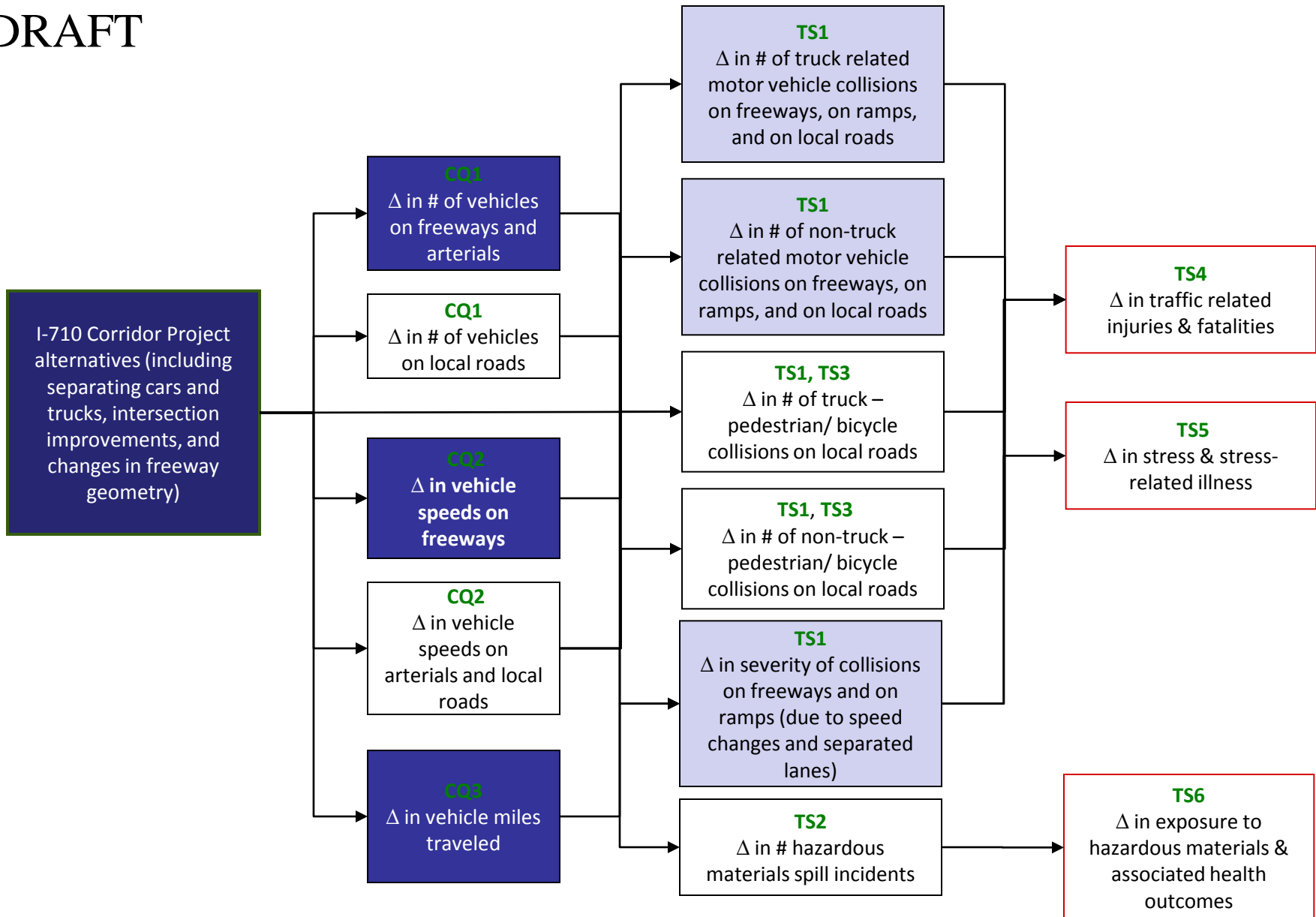


- Health impacts of stress include: poor mental health, increased inflammatory response, decreased immune response
- Health impacts of chronic disease includes: heart disease, diabetes, hypertension,
- Health impacts of delayed emergency response times include: stress, potential for survival and recovery

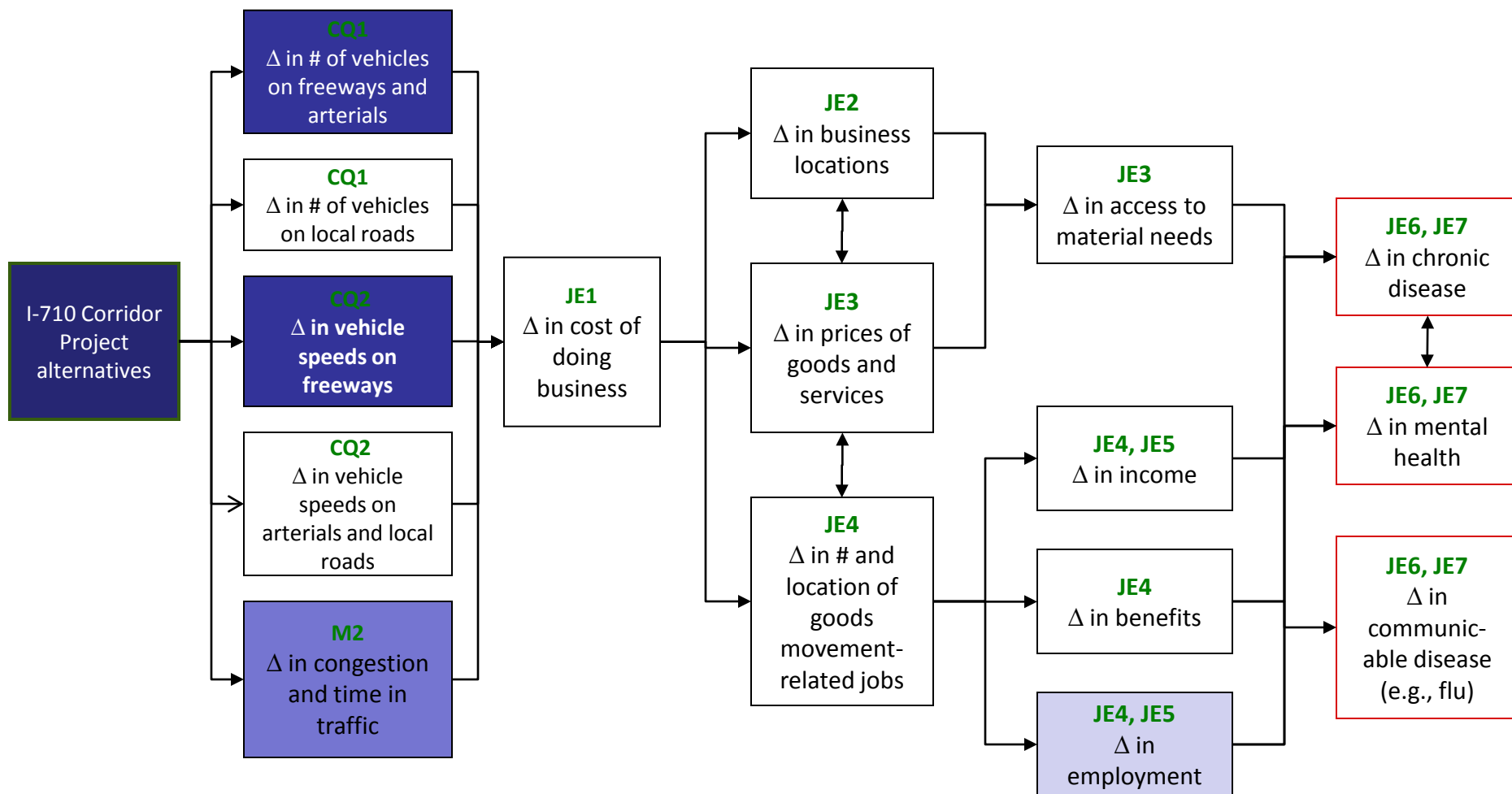
# 4. Traffic Safety Effects

August 11, 2011 – Advisory Roundtable

DRAFT



## REVISED DRAFT, for further discussion

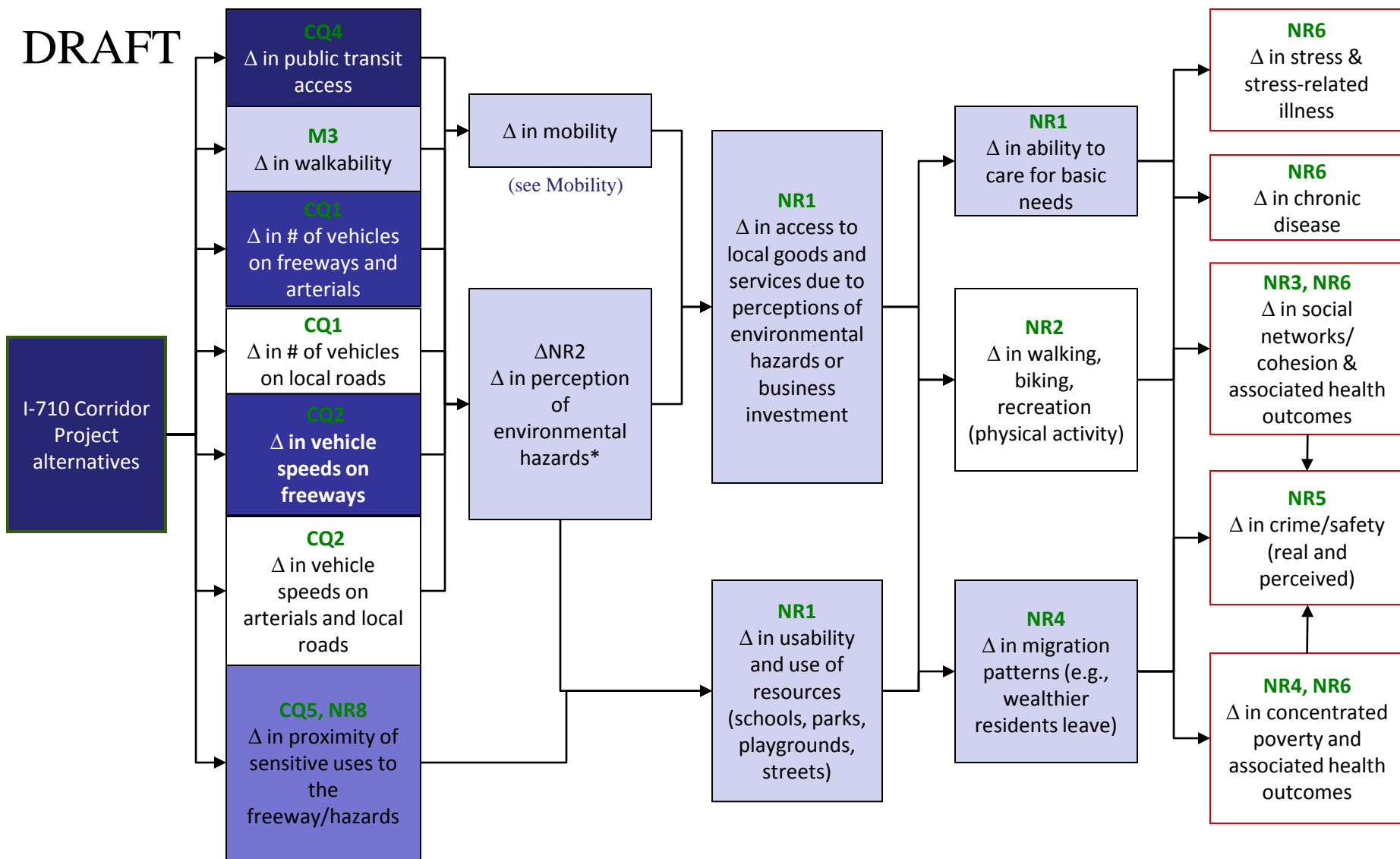


- Health impacts of mental health include: stress-related illness, crime, substance abuse, domestic abuse, change in lifespan
- Health impacts of chronic disease includes: heart disease, diabetes, hypertension

# 6. Neighborhood Resources Effects

August 11, 2011 – Advisory Roundtable

DRAFT



- Environmental hazards refers to air pollution, noise, odors, congestion, traffic safety
- Health outcomes include: injury and morbidity from crime; stress-related illness; effects from lack of social cohesion; and effects from lack of access to neighborhood resources